



hpPCL/PJL reference

PCL 5 comparison guide addendum

hp LaserJet printer family

reference

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Introduction

Hewlett-Packard products that support the printer command language version 5 (PCL 5) contain slightly different feature sets, each suitable for that product's intended use. Each product implements minor variations of PCL 5 as a result of those differences. With new printer releases, new features might be added and might include new commands or PCL operations that require documentation.

The PCL 5 Comparison Guide Addendum complements the contents of the PCL 5 Comparison Guide and the PCL 5 Printer Language Technical Reference Manual.

- For general information about PCL 5, see the PCL 5 Printer Language Technical Reference Manual.
- For product-specific information about PCL 5 as it applies specific legacy products, see the PCL 5 Comparison Guide.
- For product-specific information about PCL 5 as it applies to newer products, see the PCL 5
 Comparison Guide Addendum.

About this Guide

The purpose of the *PCL 5 Comparison Guide* and *PCL 5 Comparison Guide Addendum* is to identify the differences in the implementation of PCL 5 for different HP products, as compared to the features that are described in the *PCL 5 Technical Reference Manual*. This guide describes new commands and exceptions to existing commands that are unique to the printers, and also describes internal typeface and font support and print-environment settings.

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Related documents

The following documents provide related information about HP PCL 5 products.

PCL 5 Printer Language Technical Reference Manual

The PCL 5 Printer Language Technical Reference Manual provides a description of the printer command language that controls PCL 5 products. The document provides explanations of each PCL command, and examples that demonstrate how the commands are used to control the product. A large portion of the document is devoted to HP-GL/2, the vector-based graphics language that is part of all PCL 5 printers.

PCL 5 Color Technical Reference Manual

This document describes the PCL 5 commands that are used to print color on HP color LaserJet products and the other Hewlett-Packard PCL 5 color products. Some of the main topics include an overview of the color printing process, using palettes, choosing color modes, adjusting output color to meet specific requirements, printing color raster graphics, and using HP-GL/2 vector graphics. Examples are provided that demonstrate the use of the PCL 5 color commands.

PCL/PJL Technical Quick Reference Guide

This document is designed to provide quick access to the syntax of each PCL and PJL command. The commands are grouped by their function so that users who are familiar with PCL or PJL can find the syntax of a specific command without opening the manuals.

Printer Job Language Technical Reference Manual

This manual describes PJL, the HP printer job language that is used on many of the HP products. PJL is used for switching printer languages, requesting status information, changing display messages, and inquiring about feature settings, and for other job-level functions.

Printer Job Language Technical Reference Addendum

This document complements the *Printer Job Language Technical Reference Manual* by providing updated, product-specific information. This document should be used along with the *Printer Job Language Technical Reference Manual*.

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PCL 5 feature support

Table 1 describes the contents of the subsequent feature support tables for HP LaserJet and HP color LaserJet products. These tables list all of the printer commands from the *PCL 5 Printer Language Technical Reference Manual* and identify which commands the various products support.

Table 1. Contents of PCL 5 feature-support tables

Table and location	Features for these products
Table 2 on page 10	HP LaserJet 1150 series, 1200 series, 1300 series, 2200 series, 2300 series
Table 3 on page 19	HP LaserJet 4100 series, 4100mfp series, 4200 series, 4300 series
Table 4 on page 28	HP LaserJet 5100 series, 8150 series, 9000 series, 9000mfp series
Table 5 on page 38	HP LaserJet 3200mfp series, 3300mfp series
Table 6 on page 47	HP color LaserJet 2500 series, 4550 series, 4600 series
Table 7 on page 57	HP color LaserJet 5500 series, 8550 series, 8550mfp series

Note

The PCL 5 Printer Language Technical Reference Manual was revised for the release of the HP LaserJet 4 printer and contains all of the PCL language features for printers up to and including the HP LaserJet 4 printer. Subsequent commands are covered in the PCL 5 Comparison Guide, the PCL 5 Color Technical Reference Manual, and this document.

Note

The information contained in the following tables is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

In the following tables, if the command value field parameters are not listed, then all parameters are supported by printers that support that command.

Corresponding parameter values are shown in brackets after the command. For example, under the Page Size command, the table lists "Letter [2]," which indicates that the value field to select for letter size in the Page Size command is "2".

Commands that are not supported (ns) by a printer are ignored.

Table 2. PCL 5 feature support for LaserJet products

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
	Misc	ellaneous				
Configuration (AppleTalk)	^E c&b#W[data]	1	✓	✓	✓	✓
	Job	control	I	I	I	I
Universal Exit/Start of PJL (UEL)	Ec%-12345X	1	1	1	1	1
Reset	€cE	1	✓	✓	✓	1
Number of Copies	E _C & ! #X	1	1	1	1	1
Simplex/Duplex Print	EC&l#S	1	1	1	1	1
Left (Long-edge) Offset Registration	Ec&l#U	1	1	1	1	1
Top (Short-edge) Offset Registration	Ec&l#Z	1	1	1	1	1
Unit Of Measure	Ec&u#D	1	✓	✓	✓	✓
Mechanical Print Quality	Ec*o#Q	ns	ns	ns	ns	ns
Media Type	E _C & ! #M	ns	ns	ns	ns	ns
Negative Motion	^E c&a#N	ns	ns	ns	ns	ns
Self-Test	E _C Z	1	✓	✓	✓	✓
Paper Type	^E c&n5WdBond	ns	ns	ns	ns	ns
	^E c&n6WdPlain	ns	ns	ns	ns	ns
	^E c&n6WdColor	ns	ns	ns	ns	ns
	^E c&n6WdRough	ns	ns	ns	ns	ns
	^E c&n6WdHeavy	ns	ns	ns	ns	ns
	^E c&n6WdGloss	ns	ns	ns	ns	ns
	^E c&n7WdLabels	ns	ns	ns	ns	ns
	^E c&n7WdVellum	ns	ns	ns	ns	ns
	Ec&n8WdDefault	ns	ns	ns	ns	ns
	Ec&n9WdRecycled	ns	ns	ns	ns	ns
	Ec&n11WdLetterhead	ns	ns	ns	ns	ns
	Ec&n11WdCard Stock	ns	ns	ns	ns	ns
	Ec&n10WdCardstock	ns	ns	ns	ns	ns
	^E c&n11WdPrepunched	ns	ns	ns	ns	ns
	Ec&n11WdPreprinted	ns	ns	ns	ns	ns
	Ec&n13WdTransparency	ns	ns	ns	ns	ns
	^E c&n#WdCustomType ¹	ns	ns	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

¹ For custom paper, replace "CustomType" with the name of the paper, and replace "#" with the number of characters in the name plus 1.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
		Page control	Series	Series	Series	Series
Page (Job) Size	Ec&l#A	r age control				
Executive [1]		/	1	/	/	/
Letter [2]		V	/	/	/	✓
Legal [3]		V	√	√	/	✓
Ledger [6]						
		ns ✓	ns ✓	ns ✓	ns ✓	ns ✓
JISExec (Foolscap) [10]						
A5 [25]		/	/	/	/	√
A4 [26]		/	/	/	/	✓
A3 [27]		ns	ns	ns	ns	ns
JIS B5 Paper [45] ¹		/	/	/	/	/
JIS B4 Paper [46]		ns	ns	ns	ns	ns
Monarch Envelope [80]		/	✓	✓	/	/
Com-10 Envelope [81]		/	✓	✓	/	/
Intl. DL Envelope [90]		/	/	/	/	/
Intl. C5 Envelope [91]		✓	✓	✓	1	1
Intl. B5 Envelope [100]		✓	✓	✓	1	1
Custom [101]		✓	✓	✓	1	1
Hagaki Postcard [71]		✓	✓	✓	1	1
Oufuku-Hagaki Postcard [72]		✓	✓	✓	1	1
Orientation	Ec& ! #O	1	✓	✓	1	1
Page Side Selection ²	^E c&a#G	✓	✓	✓	1	1
Job Separation	Ec& ℓ 1T	ns	ns	ns	ns	ns
Finish Mode	Ec&b#F	ns	ns	ns	ns	ns
Paper (Media) Source	Ec&ℓ#H					
In Tray (current tray)[0]		✓	✓	✓	1	1
1st Cassette (Main paper source) [1]		✓	✓	1	1	1
Manual Feed Tray [2]		✓	1	✓	1	1
Manual Feed Tray [3]		✓	1	✓	1	1
Multipurpose Tray [4]		1	✓	✓	1	1
2nd Cassette (Opt. Source) [5]		✓	1	1	1	1
Envelope Feeder [6]		✓	1	✓	1	1
Auto Select [7]		✓	1	1	1	1
3rd Cassette[8]		✓	1	✓	1	1
HCI Trays 2-21 [20-39]		ns	ns	ns	ns	ns

^{✓ -} Indicates a command is supported.
ns - Indicates a command is not supported.

¹ Japanese Industrial Standard (JIS)

² On non-duplex printers, this command causes a conditional page eject.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
	Page contr	ol (continu	ed)			
Output (Media) Bin	Ec&l#G					
Automatic [0]		ns	ns	ns	ns	ns
Destination Tray 1 [1]		1	✓	1	1	1
Destination Tray 2 [2]		1	1	1	1	1
Destination Tray 3 [3]		ns	ns	ns	ns	ns
Print Direction	Ec&a#P	1	1	1	1	1
Character Text Path Dir.	Ec&c#T	1	1	1	1	1
Left Margin	Ec&a#L	1	1	1	1	1
Right Margin	Ec&a#M	1	1	1	1	1
Clear Horizontal Margins	E _C 9	1	1	1	1	1
Top Margin	Ec& ! #E	1	1	1	1	1
Text Length	Ec&l#F	1	1	1	1	1
Perforation Skip	Ec&l#L	1	1	1	1	1
Horizontal Motion Index	Ec&k#H	1	1	1	1	1
Vertical Motion Index	Ec&l#C	1	/	1	1	1
Line Spacing	Ec&l#D	1	1	1	1	1
Alphan	umeric ID (media selection	by type/PC	L mass sto	rage comm	and)	
Alphanumeric ID	Ec&n#W[operation] [string]	1	✓	✓	✓	1
	Cursor	positioning		I	I	
Horizontal Position	^E c&a#C	1	1	1	1	1
	Ec*p#X	1	1	1	1	1
	Ec&a#H	1	1	1	1	1
Vertical Position	Ec&a#R	1	1	√	√	1
	E _C *p#Y	1	✓	√	√	1
	Ec&a#V	1	1	1	1	1
Half Line Feed	E _C =	1	1	1	1	1
Line Termination	Ec&k#G	1	✓	√	√	1
Push/Pop Position	Ec&f#S	/	√	✓	✓	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
	1	Font selection	l	l	ll .	1
The Primary font printer coin the command with a rig		an be changed to	Secondary t	by replacing	the left pare	enthesis "("
Symbol Set [Primary]	E _C (ID	✓	✓	✓	1	1
Spacing [Primary]	Ec(s#P	✓	1	1	1	1
Pitch [Primary]	Ec(s#H	✓	1	1	1	1
Height [Primary]	Ec(s#V	✓	1	1	1	✓
Style [Primary]	Ec(s#S	✓	1	1	1	✓
Stroke Weight [Primary]	Ec(s#B	✓	1	1	1	✓
Typeface [Primary]	E _C (s#T	✓	1	1	1	1
Font Selection By ID # [Primary]	Ec(#X	1	1	1	1	1
Select Default Font [Primary]	E _C (3@	1	1	1	1	1
Underline	Ec&d#D	✓	1	1	1	1
	Ec&d@	✓	1	1	1	1
Transparent Print Data	^E c&p#X[data]	✓	1	1	1	1
Text Parsing Method	Ec&t#P	✓	1	1	1	1
	Fo	ont management				
Assign Font ID #	Ec*c#D	✓	✓	✓	✓	✓
Font Control	Ec*c#F	✓	1	1	1	1
	User-	defined symbol :	set			
Symbol Set ID Code	Ec*c#R	✓	✓	✓	✓	✓
Define Symbol Set	Ec(f#W[data]	✓	1	1	1	1
Symbol Set Control	Ec*c#S	✓	1	1	1	1
	Sc	oft font creation				
Font Descriptor	Ec)s#W[data]					
Range: 0 - 32767		✓	1	1	1	1
Range: 0 - 65535						
Character Code	Ec*c#E	✓	1	1	1	1
Download Character	Ec(s#W[data]	✓	1	1	1	1
	1	Macros	<u> </u>	<u> </u>	1	1
Macro ID	Ec&f#Y	✓	✓	✓	1	1
Macro Control	Ec&f#X	✓	1	1	1	1
					1	1

 $[\]checkmark$ - Indicates a command is supported. ns - Indicates a command is not supported.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
	Pri	int model imaging]			
Source Transparency Mode	E _C *v#N	✓	1	1	1	1
Pattern Transparency Mode	Ec*v#O	1	1	1	1	1
Area Fill (Pattern) ID	Ec*c#G	1	1	1	1	1
Select Current Pattern	E _C *v#T					
Solid Black [0]		1	1	✓	✓	1
Solid White [1]		1	1	1	✓	1
HP Shading Pattern [2]		1	1	1	1	1
Cross-hatch Pattern [3] (HP-hatch Pattern)		✓	1	1	1	1
User-defined Pattern [4]		1	1	1	1	1
Logical Operation	E _C * ℓ #O	1	1	1	1	1
Pixel Placement	E _C *ℓ#R	1	1	1	1	1
	Us	er-defined patterr	1	ı	ı	I
Define (Download) Pattern	Ec*c#W[data]	✓	1	1	1	1
Range: 0 - 32767		1	1	1	1	1
Range: 0 - 65535						
Set Pattern Reference Point	Ec*p#R	1	1	1	1	1
User-defined Pattern Control	E _C *c#Q	1	1	1	1	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150	LaserJet 1200	LaserJet 1300	LaserJet 2200	LaserJet 2300
		series	series	series	series	series
	Ras	ster graphics				
Raster Resolution	Ec*t#R					
75 Dots per inch (dpi) [75]		✓	✓	1	1	1
100 dpi [100]		✓	✓	✓	✓	1
150 dpi [150]		✓	✓	✓	✓	1
200 dpi [200] ¹		✓	✓	✓	✓	1
300 dpi [300]		✓	✓	✓	✓	1
600 dpi [600] ¹		✓	✓	✓	✓	1
Graphics Presentation	Ec*r#F	✓	✓	1	1	1
Raster Height [Source]	Ec*r#T	1	✓	✓	✓	1
Raster Height [Destination]	Ec*t#V	ns	ns	ns	ns	ns
Raster Width [Source]	Ec*r#S	✓	✓	1	✓	1
Raster Width [Destination]	Ec*t#H	ns	ns	ns	ns	ns
Scale Algorithm	Ec*t#K	ns	ns	ns	ns	ns
Start Raster Graphics	Ec*r#A					
At logical page left limit [0]		✓	✓	1	1	1
At CAP [1]		✓	✓	1	1	1
At logical page left limit, with scaling ON [2]		ns	ns	ns	ns	ns
At CAP, with scaling ON [3]		ns	ns	ns	ns	ns
Y Offset	Ec*b#Y	✓	1	1	1	1
Set Compression Mode	Ec*b#M					
Unencoded [0]		✓	✓	1	1	1
Run-Length Encoded [1]		✓	✓	1	1	1
TIFF Encoded [2]		✓	✓	1	1	1
Delta Row Encoded [3]		✓	✓	1	1	1
Mode 5 Adaptive [5]		✓	1	1	1	1
Replacement Delta Row [9]		ns	ns	ns	ns	ns
Transfer Raster (Row/ Block)	Ec*b#W[data]	1	1	1	1	1
Transfer Raster (Plane)	Ec*b#V[data]	ns	ns	ns	ns	ns
End Graphics						
Version B	Ec*rB	✓	1	1	1	1
Version C (Preferred)	E _C *rC	✓	1	1	1	1

 ^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Supported if the printer resolution is 600 dpi.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
	Re	ectangular area fil	I	ll .	ll .	I
Horizontal Rectangle Size	Ec*c#A	✓	✓	1	✓	1
	Ec*c#H	✓	1	1	1	1
Vertical Rectangle Size	Ec*c#B	✓	1	1	1	1
	E _C *c#V	✓	1	1	1	1
Pattern ID (Area Fill ID)	Ec*c#G					
1-100 for Shading		✓	✓	1	✓	1
1-6 for Cross-hatch		✓	✓	1	✓	1
0-32767 for User-defined		✓	✓	1	✓	1
Fill Rectangle Area	Ec*c#P					
Black (solid) [0]		✓	✓	1	✓	1
(Solid) White (erase) [1]		✓	✓	1	✓	1
Shaded (gray) [2]		✓	1	1	1	1
Cross-hatch Pattern [3]		✓	✓	1	✓	1
User-defined Pattern [4]		✓	✓	1	✓	1
Current Pattern [5]		✓	1	1	1	1
	,	Status readback				
Set Status Readback Location Type	Ec*s#T	✓	1	1	1	1
Set Status Readback Location Unit	Ec*s#U	✓	1	1	1	1
Inquire Status Readback Entity	Ec*s#I	✓	1	1	1	1
Free Space	E _C *s1M	1	✓	1	1	1
Flush All Pages	Ec&r#F	✓	1	1	1	1
Echo	E _C *s#X	✓	1	1	1	1
	1	I	1	I .	1	l

^{✓ -} Indicates a command is supported.
ns - Indicates a command is not supported.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150 series	LaserJet 1200 series	LaserJet 1300 series	LaserJet 2200 series	LaserJet 2300 series
	Picture frame (for vector g	raphics)			
Picture Frame Horiz. Size	Ec*c#X	✓	1	✓	✓	1
Picture Frame Vert. Size	Ec*c#Y	1	1	1	1	1
Set Picture Frame Anchor Point	Ec*c0T	1	1	1	1	1
HP-GL/2 Horiz. Plot Size	Ec*c#K	1	1	1	1	1
HP-GL/2 Vert. Plot Size	Ec*c#L	1	1	1	1	1
Enter HP-GL/2	Ec%#B					
Standalone plotter [-1]		ns	ns	ns	ns	ns
Previous HP-GL [0]		1	1	1	1	1
Current PCL CAP [1]		1	1	1	1	1
Current PCL coordinates and old HP-GL/2 [2]		ns	ns	ns	ns	ns
Current PCL coordinates and current CAP [3]		ns	ns	ns	ns	ns
Enter PCL Mode	Ec%#A	1	1	1	1	1
	Progra	mming hints	1			
Display Functions						
On	EcY	1	1	✓	1	1
Off	EcZ	1	1	1	1	1
End-of-line Wrap	Ec&s#C	1	1	1	1	1
	PCL 5 co	lor comman	ds			
Assign Color Index	EC*V#I	ns	ns	ns	ns	ns
Color Component 1	Ec*v#A	ns	ns	ns	ns	ns
Color Component 2	Ec*v#B	ns	ns	ns	ns	ns
Color Component 3	Ec*v#C	ns	ns	ns	ns	ns
Color Lookup Tables	Ec*ℓ#W[data]	ns	ns	ns	ns	ns
Configure Image Data	Ec*v#W[data]	ns	ns	ns	ns	ns
Download Dither Matrix	Ec*m#W	ns	ns	ns	ns	ns
Driver Function	Ec*o3W643	ns	ns	ns	ns	ns
Configuration	Ec*o3W646	ns	ns	ns	ns	ns
	Ec*o3W647	ns	ns	ns	ns	ns
Foreground Color	Ec*v#S	ns	ns	ns	ns	ns
Gamma Correction	E _C *t#I	ns	ns	ns	ns	ns
Monochrome Print Mode	Ec&b#M	ns	ns	ns	ns	ns
Palette Control ID	Ec&p#I	ns	ns	ns	ns	ns
Palette Control	Ec&p#C	ns	ns	ns	ns	ns
				1	1	

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

Table 2. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 1150	LaserJet 1200	LaserJet 1300	LaserJet 2200	LaserJet 2300
		series	series	series	series	series
	PCL 5 cold	or commands (co	ntinued)			
Render Algorithm	Ec*t#J	ns	ns	ns	ns	ns
Range: 0 - 8		ns	ns	ns	ns	ns
Range: 9 - 10		ns	ns	ns	ns	ns
Range: 11 - 14		ns	ns	ns	ns	ns
Range: 15 - 19		ns	ns	ns	ns	ns
Select Palette	Ec&p#S	ns	ns	ns	ns	ns
Set Viewing Illuminant	Ec*i#W[data]	ns	ns	ns	ns	ns
Simple Color	Ec*r#U	ns	ns	ns	ns	ns
	Н	P-GL/2 graphics*	I	I	l	I
Advance Full Page	PG	✓	✓	✓	✓	1
Bezier	BR, BZ	1	✓	✓	✓	1
Begin Plot	ВР	ns	ns	ns	ns	ns
Chord Tolerance Mode	СТ	ns	ns	ns	ns	ns
(Relative) Color Range	CR	ns	ns	ns	ns	ns
Download Character	DL	ns	ns	ns	ns	ns
Fill Type	FT					
Odd/Even		✓	✓	✓	✓	1
Non-Zero Winding		1	✓	✓	✓	1
Frame Advance	FR	ns	ns	ns	ns	ns
Label origin	LO					
1-9 / 11-19		1	✓	1	1	1
21		1	✓	✓	✓	1
Media Type	MT	ns	ns	ns	ns	ns
Merge Control	MC	1	✓	✓	✓	1
Number of Pens	NP	ns	ns	ns	ns	ns
Output Error	OE	ns	ns	ns	ns	ns
Output Hardcopy Limits	ОН	ns	ns	ns	ns	ns
Output Identification	OI	ns	ns	ns	ns	ns
Output P1 and P2	OP	ns	ns	ns	ns	ns
Output Status	os	ns	ns	ns	ns	ns
Pen Color Assignment	PC	ns	ns	ns	ns	ns
Pixel Placement	PP	✓	1	1	1	✓
Plot Size	PS	ns	ns	ns	ns	ns
Quality Level	QL	ns	ns	ns	ns	ns
Replot	RP	ns	ns	ns	ns	ns

^{✓ -} Indicates a command is supported.
ns - Indicates a command is not supported.

^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells

Table 3. PCL 5 feature support for LaserJet products

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJet 4300 series
	Miscellane	ous			
Configuration (AppleTalk)	^E c&b#W[data]	1	1	1	1
	Job cont	rol	1	l	1
Universal Exit/Start of PJL (UEL)	Ec%-12345X	✓	1	1	1
Reset	EcE	✓	1	1	1
Number of Copies	Ec&l#X	✓	1	1	1
Simplex/Duplex Print	Ec&l#S	✓	1	1	1
Left (Long-edge) Offset Registration	Ec&l#U	1	1	1	1
Top (Short-edge) Offset Registration	Ec&ℓ#Z	✓	1	1	1
Unit Of Measure	Ec&u#D	✓	1	1	1
Mechanical Print Quality	E _C *0#Q	ns	ns	ns	ns
Media Type	Ec& ℓ #M	✓	1	1	1
Negative Motion	^E c&a#N	ns	ns	ns	ns
Self-Test	E _{CZ}	✓	1	✓	1
Paper Type	^E c&n5WdBond	✓	1	✓	1
	^E c&n6WdPlain	✓	1	1	1
	^E c&n6WdColor	✓	1	1	1
	^E c&n6WdRough	✓	1	1	1
	^E c&n6WdHeavy	ns	ns	ns	ns
	Ec&n6WdGloss	ns	ns	ns	ns
	^E c&n7WdLabels	✓	1	1	1
	^E c&n7WdVellum	ns	ns	ns	ns
	Ec&n8WdDefault	✓	1	1	1
	Ec&n9WdRecycled	1	1	1	✓
	Ec&n11WdLetterhead	✓	1	1	1
	Ec&n11WdCard Stock	✓	1	1	1
	Ec&n10WdCardstock	✓	1	1	1
	^E c&n11WdPrepunched	✓	1	1	1
	Ec&n11WdPreprinted	✓	1	1	1
	Ec&n13WdTransparency	✓	1	1	1
	^E c&n#WdCustomType ¹	✓	√	1	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

The information contained in this table is subject to change without notice. To ensure that the specific

support information is correct, test these functions and commands on your product.

1 For custom paper, replace "CustomType" with the name of the paper, and replace "#" with the number of characters in the name plus 1.

Table 3. PCL 5 feature support for LaserJet products (continued)

	1	1
✓	1	✓
✓	1	✓
✓	1	✓
ns	ns	ns
✓	1	✓
✓	1	✓
ns	ns	ns
✓	1	✓
ns	ns	ns
✓	1	✓
✓	1	✓
✓	1	✓
✓	1	✓
✓	1	✓
✓	1	✓
ns	ns	ns
ns	ns	ns
1	1	1
	,	1
✓	✓	✓
ns	ns	ns
		ns ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

¹ Japanese Industrial Standard (JIS)

² On non-duplex printers, this command causes a conditional page eject.

Table 3. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJet 4300 series
	Page control (co	ntinued)			
Paper (Media) Source	Ec& l #H				
In Tray (current tray)[0]		✓	✓	✓	1
1st Cassette (Main paper source) [1]		✓	✓	✓	1
Manual Feed Tray [2]		✓	✓	✓	1
Manual Feed Tray [3]		✓	✓	✓	1
Multipurpose Tray [4]		✓	✓	✓	1
2nd Cassette (Opt. Source) [5]		✓	✓	✓	1
Envelope Feeder [6]		✓	✓	✓	1
Auto Select [7]		✓	✓	✓	1
3rd Cassette[8]		✓	✓	✓	1
HCI Trays 2-21 [20-39]		✓	✓	✓	1
Output (Media) Bin	Ec& l #G				
Automatic [0]		ns	ns	ns	ns
Destination Tray 1 [1]		ns	ns	ns	ns
Destination Tray 2 [2]		ns	ns	ns	ns
Destination Tray 3 [3]		ns	ns	ns	ns
Print Direction	^E c&a#P	✓	✓	✓	1
Character Text Path Dir.	Ec&c#T	✓	✓	✓	1
Left Margin	^E c&a#L	✓	✓	✓	1
Right Margin	^E c&a#M	✓	✓	✓	1
Clear Horizontal Margins	E _C 9	✓	✓	✓	1
Top Margin	Ec& ! #E	✓	✓	✓	1
Text Length	Ec&ℓ#F	✓	✓	✓	1
Perforation Skip	Ec&l#L	✓	✓	✓	1
Horizontal Motion Index	^E c&k#H	✓	✓	✓	1
Vertical Motion Index	Ec&l#C	✓	✓	✓	1
Line Spacing	E _C &ℓ#D	✓	✓	✓	1
Alphanumeri	c ID (media selection by typ	e/PCL mas	s storage c	ommand)	
Alphanumeric ID	Ec&n#W[operation] [string]	✓	✓	✓	✓

✓ - Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 3. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJe 4300 series
	Cursor	positioning	II.	II.	
Horizontal Position	^E c&a#C	1	✓	✓	1
	E _C *p#X	1	1	1	1
	^E c&a#H	1	1	1	1
Vertical Position	^E c&a#R	1	1	1	1
	Ec*p#Y	1	1	1	1
	^E c&a#V	1	1	1	1
Half Line Feed	E _C =	1	1	1	1
Line Termination	Ec&k#G	1	1	1	1
Push/Pop Position	Ec&f#S	/	1	1	✓
	Font	selection	I	I	I.
The Primary font printer con			Secondary t	by replacing	the left
Symbol Set [Primary]	E _C (ID	√	✓	✓	✓
Spacing [Primary]	E _C (s#P	/	1	1	1
Pitch [Primary]	Ec(s#H	/	1	1	1
Height [Primary]	Ec(s#V	1	√	√	√
Style [Primary]	Ec(s#S	1	√	√	1
Stroke Weight [Primary]	Ec(s#B	1	1	1	1
Typeface [Primary]	Ec(s#T	1	1	1	1
Font Selection By ID # [Primary]	E _C (#X	1	1	1	1
Select Default Font [Primary]	Ec(3@	1	1	1	1
Underline	Ec&d#D	1	1	1	1
	Ec&d@	1	1	1	1
Transparent Print Data	Ec&p#X[data]	1	1	1	1
Text Parsing Method	Ec&t#P	1	1	1	1
	Font m	anagement			
Assign Font ID #	Ec*c#D	1	1	1	✓
Font Control	Ec*c#F	1	1	1	✓
	User-defin	ed symbol set	1	1	I
Symbol Set ID Code	Ec*c#R	✓	1	1	1
Define Symbol Set	Ec(f#W[data]	1	1	1	1
Symbol Set Control	Ec*c#S	1	1	/	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 3. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJet 4300 series
	Soft font cre	eation	I		I.
Font Descriptor	Ec)s#W[data]				
Range: 0 - 32767		1	✓	✓	1
Range: 0 - 65535		1	✓	✓	1
Character Code	Ec*c#E	1	1	✓	1
Download Character	Ec(s#W[data]	1	1	✓	1
	Macros	5			
Macro ID	Ec&f#Y	✓	✓	✓	✓
Macro Control	Ec&f#X	/	1	✓	1
	Print model i	maging	I		I
Source Transparency Mode	Ec*v#N	1	√	✓	1
Pattern Transparency Mode	Ec*v#O	1	1	✓	1
Area Fill (Pattern) ID	Ec*c#G	/	1	✓	1
Select Current Pattern	Ec*v#T				
Solid Black [0]		1	1	✓	1
Solid White [1]		1	1	✓	1
HP Shading Pattern [2]		1	1	✓	1
Cross-hatch Pattern [3] (HP-hatch Pattern)		✓	✓	✓	1
User-defined Pattern [4]		1	1	✓	1
Logical Operation	Ec* ! #O	1	1	✓	1
Pixel Placement	Ec* ! #R	1	1	✓	1
	User-defined	pattern	I		I
Define (Download) Pattern	Ec*c#W[data]				
Range: 0 - 32767		✓	1	✓	1
Range: 0 - 65535		1	1	✓	1
Set Pattern Reference Point	Ec*p#R	1	1	✓	1
User-defined Pattern Control	Ec*c#Q	✓	1	✓	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.
The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 3. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJet 4300 series
	Raster	graphics	I.	L	I
Raster Resolution	Ec*t#R				
75 Dots per inch (dpi) [75]		1	1	✓	1
100 dpi [100]		✓	1	1	1
150 dpi [150]		✓	1	✓	1
200 dpi [200] ¹		✓	1	✓	1
300 dpi [300]		✓	1	✓	1
600 dpi [600] ¹		✓	1	✓	1
Graphics Presentation	Ec*r#F	✓	1	✓	1
Raster Height [Source]	Ec*r#T	✓	1	1	1
Raster Height [Destination]	Ec*t#V	ns	ns	ns	ns
Raster Width [Source]	Ec*r#S	✓	1	✓	1
Raster Width [Destination]	Ec*t#H	ns	ns	ns	ns
Scale Algorithm	Ec*t#K	ns	ns	ns	ns
Start Raster Graphics	Ec*r#A				
At logical page left limit [0]		1	1	✓	1
At CAP [1]		✓	1	✓	✓
At logical page left limit, with scaling ON [2]		ns	ns	ns	ns
At CAP, with scaling ON [3]		ns	ns	ns	ns
Y Offset	Ec*b#Y	✓	1	✓	1
Set Compression Mode	Ec*b#M				
Unencoded [0]		✓	✓	✓	1
Run-Length Encoded [1]		✓	✓	✓	✓
TIFF Encoded [2]		✓	1	1	1
Delta Row Encoded [3]		✓	✓	✓	✓
Mode 5 Adaptive [5]		✓	✓	✓	✓
Replacement Delta Row [9]		ns	ns	ns	ns
Transfer Raster (Row/ Block)	Ec*b#W[data]	1	1	1	1
Transfer Raster (Plane)	Ec*b#V[data]	ns	ns	ns	ns
End Graphics					
Version B	^E c*rB	✓	1	1	✓
Version C (Preferred)	Ec*rC	1	√	✓	1

 ^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.
 The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.
 ¹ Supported if the printer resolution is 600 dpi.

Table 3. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJet 4300 series
	Rectangular	area fill	1	I	ı
Horizontal Rectangle Size	Ec*c#A	✓	1	✓	1
	Ec*c#H	✓	1	1	1
Vertical Rectangle Size	Ec*c#B	✓	1	1	1
	E _C *c#V	✓	1	1	1
Pattern ID (Area Fill ID)	Ec*c#G				
1-100 for Shading		✓	1	1	1
1-6 for Cross-hatch		✓	1	1	1
0-32767 for User-defined		✓	1	1	1
Fill Rectangle Area	Ec*c#P				
Black (solid) [0]		✓	1	1	1
(Solid) White (erase) [1]		✓	1	1	1
Shaded (gray) [2]		✓	1	1	1
Cross-hatch Pattern [3]		✓	1	✓	1
User-defined Pattern [4]		✓	1	1	1
Current Pattern [5]		✓	1	1	1
	Status rea	dback			
Set Status Readback Location Type	E _C *s#T	1	1	1	1
Set Status Readback Location Unit	Ec*s#U	1	1	1	1
Inquire Status Readback Entity	Ec*s#I	✓	1	1	1
Free Space	Ec*s1M	✓	1	✓	✓
Flush All Pages	Ec&r#F	✓	1	✓	1
Echo	E _C *s#X	✓	1	1	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.
The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 3. PCL 5 feature support for LaserJet products (continued)

			,	,		
Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJe 4300 series	
	Di			361163	series	
	Picture frame (for v		1	Г	Т	
Picture Frame Horiz. Size	Ec*c#X	1	1	✓	1	
Picture Frame Vert. Size	EC*C#Y	✓	✓	✓	1	
Set Picture Frame Anchor Point	Ec*c0T	1	1	1	1	
HP-GL/2 Horiz. Plot Size	Ec*c#K	1	1	1	1	
HP-GL/2 Vert. Plot Size	Ec*c#L	1	1	✓	1	
Enter HP-GL/2	Ec%#B					
Standalone plotter [-1]		ns	ns	ns	ns	
Previous HP-GL [0]		1	1	1	1	
Current PCL CAP [1]		1	1	1	1	
Current PCL coordinates and old HP-GL/2 [2]		ns	ns	ns	ns	
Current PCL coordinates and current CAP [3]		ns	ns	ns	ns	
Enter PCL Mode	E _C %#A	1	1	1	1	
	Programmir	g hints				
Display Functions						
On	EcY	/	1	1	1	
Off	EcZ	/	1	/	/	
End-of-line Wrap	Ec&s#C	1	√	√	1	
·	PCL 5 color co	ommands				
Assign Color Index	E _C *v#I	ns	ns	ns	ns	
Color Component 1	Ec*v#A	ns	ns	ns	ns	
Color Component 2	Ec*v#B	ns	ns	ns	ns	
Color Component 3	Ec*v#C	ns	ns	ns	ns	
Color Lookup Tables	Ec* £#W[data]	ns	ns	ns	ns	
Configure Image Data	Ec*v#W[data]	ns	ns	ns	ns	
Download Dither Matrix	Ec*m#W	ns	ns	ns	ns	
Driver Function	Ec*03W643					
Configuration		ns	ns	ns	ns	
	Ec*o3W646	ns	ns	ns	ns	
	Ec*o3W647	ns	ns	ns	ns	
Foreground Color	Ec*v#S	ns	ns	ns	ns	
Gamma Correction	Ec*t#I	ns	ns	ns	ns	
Monochrome Print Mode	Ec&b#M	ns	ns	ns	ns	
Palette Control ID	^E c&p#I	ns	ns	ns	ns	
Palette Control	Ec&p#C	ns	ns	ns	ns	
Push/Pop Palette	Ec*p#P	ns	ns	ns	ns	

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 3. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 4100 series	LaserJet 4100mfp series	LaserJet 4200 series	LaserJe 4300 series
	PCL 5 color com	mands (continue	ed)	I	
Render Algorithm	E _C *t#J				
Range: 0 - 8		ns	ns	ns	ns
Range: 9 - 10		ns	ns	ns	ns
Range: 11 - 14		ns	ns	ns	ns
Range: 15 - 19		ns	ns	ns	ns
Select Palette	Ec&p#S	ns	ns	ns	ns
Set Viewing Illuminant	Ec*i#W[data]	ns	ns	ns	ns
Simple Color	Ec*r#U	ns	ns	ns	ns
	HP-GL/2	graphics*	II.	II.	
Advance Full Page	PG	1	✓	✓	✓
Bezier	BR, BZ	1	✓	✓	✓
Begin Plot	BP	ns	ns	ns	ns
Chord Tolerance Mode	СТ	ns	ns	ns	ns
(Relative) Color Range	CR	ns	ns	ns	ns
Download Character	DL	ns	ns	ns	ns
Fill Type	FT				
Odd/Even		✓	✓	✓	✓
Non-Zero Winding		✓	✓	✓	✓
Frame Advance	FR	ns	ns	ns	ns
Label origin	LO				
1-9 / 11-19		✓	✓	✓	1
21		✓	✓	✓	✓
Media Type	MT	ns	ns	ns	ns
Merge Control	MC	✓	✓	✓	✓
Number of Pens	NP	ns	ns	ns	ns
Output Error	OE	ns	ns	ns	ns
Output Hardcopy Limits	ОН	ns	ns	ns	ns
Output Identification	OI	ns	ns	ns	ns
Output P1 and P2	ОР	ns	ns	ns	ns
Output Status	os	ns	ns	ns	ns
Pen Color Assignment	PC	ns	ns	ns	ns
Pixel Placement	PP	1	✓	✓	✓
Plot Size	PS	ns	ns	ns	ns
Quality Level	QL	ns	ns	ns	ns
Replot	RP	ns	ns	ns	ns

✓ - Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells.

Table 4. PCL 5 feature support for LaserJet products

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Miscellane	ous		1	
Configuration (AppleTalk)	^E c&b#W[data]	1	✓	✓	1
	Job contr	ol	ll.	1	11
Universal Exit/Start of PJL (UEL)	Ec%-12345X	1	1	1	1
Reset	EcE	1	1	1	1
Number of Copies	E _C & ! #X	1	1	1	1
Simplex/Duplex Print	Ec&l#S	1	✓	✓	1
Left (Long-edge) Offset Registration	Ec&l#U	1	1	1	1
Top (Short-edge) Offset Registration	Ec&l#Z	1	1	1	1
Unit Of Measure	^E c&u#D	1	1	1	1
Mechanical Print Quality	Ec*o#Q	ns	ns	ns	ns
Media Type	Ec& ! #M	1	ns	ns	ns
Negative Motion	^E c&a#N	ns	ns	ns	ns
Self-Test	E _C Z	1	✓	✓	1
Paper Type	^E c&n5WdBond	1	1	1	1
	^E c&n6WdPlain	1	1	1	1
	^E c&n6WdColor	1	1	1	1
	^E c&n6WdRough	1	1	1	1
	^E c&n6WdHeavy	ns	ns	ns	ns
	^E c&n6WdGloss	ns	ns	ns	ns
	^E c&n7WdLabels	1	1	1	1
	^E c&n7WdVellum	1	ns	ns	ns
	^E c&n8WdDefault	1	1	1	1
	^E c&n9WdRecycled	1	1	1	1
	Ec&n11WdLetterhead	1	1	1	1
	Ec&n11WdCard Stock	1	1	1	1
	Ec&n10WdCardstock	1	1	1	1
	^E c&n11WdPrepunched	1	1	1	1
	^E c&n11WdPreprinted	1	1	1	1
	^E c&n13WdTransparency	1	1	1	1
	^E c&n#WdCustomType ¹	1	1	1	1

^{✓ -} Indicates a command is supported.

— ns - Indicates a command is not supported.

— The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

¹ For custom paper, replace "CustomType" with the name of the paper, and replace "#" with the number of characters in the name plus 1.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Page cont	rol			
Page (Job) Size	Ec& ! #A				
Executive [1]		✓	✓	1	1
Letter [2]		✓	✓	1	1
Legal [3]		✓	✓	1	1
Ledger [6]		ns	ns	ns	ns
JISExec (Foolscap) [10]					
A5 [25]		✓	✓	1	1
A4 [26]		1	✓	1	1
A3 [27]		ns	ns	ns	ns
JIS B5 Paper [45] ¹		✓	✓	1	1
JIS B4 Paper [46]		1	ns	ns	ns
Monarch Envelope [80]		1	✓	1	1
Com-10 Envelope [81]		✓	✓	1	1
Intl. DL Envelope [90]		✓	✓	1	1
Intl. C5 Envelope [91]		✓	✓	1	1
Intl. B5 Envelope [100]		✓	✓	1	✓
Custom [101]		✓	✓	1	✓
Hagaki Postcard [71]		ns	ns	ns	ns
Oufuku-Hagaki Postcard [72]		ns	ns	ns	ns
Orientation	Ec&l#O	1	1	1	1
Page Side Selection ²	^E c&a#G	1	1	1	1
Job Separation	Ec& ℓ 1T	ns	ns	ns	ns
Finish Mode	Ec&b#F	ns	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Page control (co	ntinued)	II.	II.	I
Paper (Media) Source	Ec&l#H				
In Tray (current tray)[0]		✓	✓	✓	1
1st Cassette (Main paper source) [1]		✓	1	1	1
Manual Feed Tray [2]		✓	✓	✓	1
Manual Feed Tray [3]		✓	1	1	1
Multipurpose Tray [4]		✓	1	1	1
2nd Cassette (Opt. Source) [5]		✓	1	1	1
Envelope Feeder [6]		✓	1	1	1
Auto Select [7]		✓	1	1	1
3rd Cassette[8]		✓	ns	ns	ns
HCI Trays 2-21 [20-39]		✓	1	1	1
Output (Media) Bin	Ec&l#G				
Automatic [0]		ns	ns	ns	ns
Destination Tray 1 [1]		ns	1	1	1
Destination Tray 2 [2]		ns	1	1	1
Destination Tray 3 [3]		ns	ns	ns	ns
Print Direction	^E c&a#P	✓	1	1	1
Character Text Path Dir.	Ec&c#T	✓	1	1	1
Left Margin	^E c&a#L	✓	1	1	1
Right Margin	Ec&a#M	✓	1	1	1
Clear Horizontal Margins	E _C 9	✓	1	1	1
Top Margin	Ec&l#E	✓	1	1	1
Text Length	Ec&l#F	✓	1	1	1
Perforation Skip	E _C & ℓ #L	✓	1	1	1
Horizontal Motion Index	Ec&k#H	✓	1	1	1
Vertical Motion Index	Ec&l#C	✓	1	1	1
Line Spacing	E _C &ℓ#D	✓	1	1	1
Alphanumeri	c ID (Media selection by typ	e/PCL mas	s storage o	ommand)	ı
Alphanumeric ID	Ec&n#W[operation] [string]	✓	✓	✓	✓

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Cursor	positioning	1	ı	I
Horizontal Position	^E c&a#C	✓	✓	1	1
	Ec*p#X	1	✓	1	1
	^E c&a#H	1	✓	1	1
Vertical Position	^E c&a#R	1	1	1	1
	Ec*p#Y	1	1	1	1
	Ec&a#V	1	✓	1	1
Half Line Feed	E _C =	1	✓	1	1
Line Termination	Ec&k#G	1	✓	1	1
Push/Pop Position	Ec&f#S	1	✓	1	1
	Font	selection	<u> </u>	I	II.
The Primary font printer co			Secondary b	by replacing	the left
Symbol Set [Primary]	E _C (ID	1	✓	✓	1
Spacing [Primary]	Ec(s#P	/	✓	1	1
Pitch [Primary]	Ec(s#H	1	✓	1	1
Height [Primary]	E _C (s#V	1	✓	1	1
Style [Primary]	E _C (s#S	1	✓	1	1
Stroke Weight [Primary]	Ec(s#B	1	✓	1	1
Typeface [Primary]	E _C (s#T	✓	✓	1	1
Font Selection By ID # [Primary]	Ec(#X	1	1	1	1
Select Default Font [Primary]	Ec(3@	1	1	1	1
Underline	Ec&d#D	1	1	1	1
	Ec&d@	1	1	1	1
Transparent Print Data	^E c&p#X[data]	1	✓	1	1
Text Parsing Method	Ec&t#P	1	✓	1	1
	Font m	anagement	<u>I</u>		
Assign Font ID #	Ec*c#D	1	✓	1	1
Font Control	Ec*c#F	1	✓	1	1
	User-defin	ed symbol set	I.	ш	ı
Symbol Set ID Code	Ec*c#R	✓	✓	✓	✓
Define Symbol Set	Ec(f#W[data]	1	✓	1	1
Symbol Set Control	Ec*c#S	/	/	1	/

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Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Soft font cr	eation	ll.	1	l
Font Descriptor	Ec)s#W[data]				
Range: 0 - 32767		✓	✓	✓	1
Range: 0 - 65535			✓	✓	1
Character Code	Ec*c#E	1	1	1	1
Download Character	Ec(s#W[data]	1	✓	✓	✓
	Macro	s	ll.	1	l
Macro ID	Ec&f#Y	✓	✓	✓	1
Macro Control	EC&f#X	1	✓	✓	✓
	Print model i	maging	1	ı	
Source Transparency Mode	E _C *v#N	✓	1	1	1
Pattern Transparency Mode	Ec*v#O	1	1	1	1
Area Fill (Pattern) ID	Ec*c#G	1	1	1	1
Select Current Pattern	Ec*v#T				
Solid Black [0]		1	✓	1	1
Solid White [1]		1	✓	1	1
HP Shading Pattern [2]		✓	1	1	1
Cross-hatch Pattern [3] (HP-hatch Pattern)		1	1	1	1
User-defined Pattern [4]		1	✓	✓	1
Logical Operation	Ec* ! #O	/	1	1	1
Pixel Placement	Ec* ! #R	/	/	1	1
	User-defined	pattern	Ш	1	<u>I</u>
Define (Download) Pattern	Ec*c#W[data]				
Range: 0 - 32767		1	1	1	1
Range: 0 - 65535			1	1	1
Set Pattern Reference Point	Ec*p#R	√	1	1	1
User-defined Pattern Control	Ec*C#Q	√	1	1	1

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The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Raster grap	hics			I.
Raster Resolution	Ec*t#R				
75 Dots per inch (dpi) [75]		1	1	1	1
100 dpi [100]		1	✓	✓	1
150 dpi [150]		1	1	1	✓
200 dpi [200] ¹		1	1	1	✓
300 dpi [300]		1	1	1	✓
600 dpi [600] ¹		1	1	1	✓
Graphics Presentation	Ec*r#F	1	1	1	1
Raster Height [Source]	Ec*r#T	1	1	1	✓
Raster Height [Destination]	Ec*t#V	ns	ns	ns	ns
Raster Width [Source]	Ec*r#S	1	1	1	1
Raster Width [Destination]	Ec*t#H	ns	ns	ns	ns
Scale Algorithm	Ec*t#K	ns	ns	ns	ns
Start Raster Graphics	Ec*r#A				
At logical page left limit [0]		✓	1	1	✓
At CAP [1]		1	1	1	✓
At logical page left limit, with scaling ON [2]		ns	ns	ns	ns
At CAP, with scaling ON [3]		ns	ns	ns	ns
Y Offset	Ec*b#Y	1	1	1	✓
Set Compression Mode	Ec*b#M				
Unencoded [0]		1	✓	✓	1
Run-Length Encoded [1]		1	1	1	✓
TIFF Encoded [2]		1	1	1	✓
Delta Row Encoded [3]		1	1	1	✓
Mode 5 Adaptive [5]		1	1	1	✓
Replacement Delta Row [9]		ns	ns	ns	ns
Transfer Raster (Row/ Block)	^E c*b#W[data]	1	1	1	1
Transfer Raster (Plane)	Ec*b#V[data]	ns	ns	ns	ns
End Graphics					
Version B	Ec*rB	1	1	1	1
Version C (Preferred)	E _C *rC	1	1	1	1

 ^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Supported if the printer resolution is 600 dpi.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Rectangula	ır area fill	I	I	I
Horizontal Rectangle Size	E _C *C#A	1	✓	✓	1
	Ec*c#H	1	✓	✓	1
Vertical Rectangle Size	Ec*c#B	✓	1	✓	1
	E _C *C#V	1	✓	✓	1
Pattern ID (Area Fill ID)	Ec*c#G				
1-100 for Shading		✓	1	✓	1
1-6 for Cross-hatch		✓	1	✓	1
0-32767 for User-defined		✓	1	✓	1
Fill Rectangle Area	Ec*c#P				
Black (solid) [0]		1	✓	✓	1
(Solid) White (erase) [1]		✓	✓	✓	1
Shaded (gray) [2]		1	✓	✓	1
Cross-hatch Pattern [3]		1	✓	✓	1
User-defined Pattern [4]		✓	✓	✓	1
Current Pattern [5]		✓	✓	✓	1
	Status re	adback			
Set Status Readback Location Type	Ec*s#T	1	1	1	1
Set Status Readback Location Unit	Ec*s#U	1	1	1	1
Inquire Status Readback Entity	Ec*s#I	1	1	1	1
Free Space	Ec*s1M	1	✓	✓	1
Flush All Pages	Ec&r#F	1	1	1	1
Echo	E _C *s#X	1	1	1	1

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The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	Picture frame (fo	or vector graphic	s)	I	I
Picture Frame Horiz. Size	EC*C#X	✓	✓	1	✓
Picture Frame Vert. Size	Ec*c#Y	✓	1	1	1
Set Picture Frame Anchor Point	Ec*c0T	1	1	1	1
HP-GL/2 Horiz. Plot Size	Ec*c#K	✓	1	1	1
HP-GL/2 Vert. Plot Size	Ec*c#L	✓	1	1	1
Enter HP-GL/2	Ec%#B				
Standalone plotter [-1]		ns	ns	ns	ns
Previous HP-GL [0]		✓	✓	1	1
Current PCL CAP [1]		✓	✓	✓	1
Current PCL coordinates and old HP-GL/2 [2]		ns	ns	ns	ns
Current PCL coordinates and current CAP [3]		ns	ns	ns	ns
Enter PCL Mode	Ec%#A	1	1	1	1
	Program	ming hints			I.
Display Functions					
On	EcY	✓	1	1	1
Off	EcZ	✓	1	1	1
End-of-line Wrap	Ec&s#C	✓	1	1	1
	PCL 5 cold	or commands	I	I	
Assign Color Index	Ec*v#I	ns	ns	ns	ns
Color Component 1	Ec*v#A	ns	ns	ns	ns
Color Component 2	Ec*v#B	ns	ns	ns	ns
Color Component 3	Ec*v#C	ns	ns	ns	ns
Color Lookup Tables	^E c*ℓ#W[data]	ns	ns	ns	ns
Configure Image Data	Ec*v#W[data]	ns	ns	ns	ns
Download Dither Matrix	Ec*m#W	ns	ns	ns	ns
Driver Function	Ec*o3W643	ns	ns	ns	ns
Configuration	Ec*o3W646	ns	ns	ns	ns
	Ec*o3W647	ns	ns	ns	ns
Foreground Color	Ec*v#S	ns	ns	ns	ns
Gamma Correction	E _C *t#I	ns	ns	ns	ns
Monochrome Print Mode	Ec&b#M	ns	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	PCL 5 color con	nmands (continue	ed)	ı	
Palette Control ID	Ec&p#I	ns	ns	ns	ns
Palette Control	Ec&p#C	ns	ns	ns	ns
Push/Pop Palette	Ec*p#P	ns	ns	ns	ns
Render Algorithm	Ec*t#J				
Range: 0 - 8		ns	ns	ns	ns
Range: 9 - 10		ns	ns	ns	ns
Range: 11 - 14		ns	ns	ns	ns
Range: 15 - 19		ns	ns	ns	ns
Select Palette	Ec&p#S	ns	ns	ns	ns
Set Viewing Illuminant	^E c*i#W[data]	ns	ns	ns	ns
Simple Color	Ec*r#U	ns	ns	ns	ns
	HP-GL/	2 graphics*			I.
Advance Full Page	PG	✓	✓	✓	1
Bezier	BR, BZ	1	1	1	1
Begin Plot	BP	ns	ns	ns	ns
Chord Tolerance Mode	СТ	ns	ns	ns	ns
(Relative) Color Range	CR	ns	ns	ns	ns
Download Character	DL	ns	ns	ns	ns
Fill Type	FT				
Odd/Even		1	1	1	1
Non-Zero Winding		✓	1	1	1
Frame Advance	FR	ns	ns	ns	ns
Label origin	LO				
1-9 / 11-19		1	1	1	1
21		✓	✓	✓	1
Media Type	MT	ns	ns	ns	ns
Merge Control	MC	1	1	1	1
Number of Pens	NP	ns	ns	ns	ns
Output Error	OE	ns	ns	ns	ns
Output Hardcopy Limits	ОН	ns	ns	ns	ns
Output Identification	OI	ns	ns	ns	ns
Output P1 and P2	ОР	ns	ns	ns	ns
Output Status	os	ns	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells.

Table 4. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 5100 series	LaserJet 8150 series	LaserJet 9000 series	LaserJet 9000mfp series
	HP-GL/2 graphics*	(continued))		
Pen Color Assignment	PC	ns	ns	ns	ns
Pixel Placement	PP	1	1	1	✓
Plot Size	PS	ns	ns	ns	ns
Quality Level	QL	ns	ns	ns	ns
Replot	RP	ns	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells.

Table 5. PCL 5 feature support for LaserJet products

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
	Miscellaneous	1	1
Configuration (AppleTalk)	^E c&b#W[data]	✓	1
	Job control		
Universal Exit/Start of PJL (UEL)	Ec%−12345X	1	1
Reset	EcE	✓	1
Number of Copies	E _C & ! #X	1	1
Simplex/Duplex Print	Ec&l#S	1	1
Left (Long-edge) Offset Registration	Ec& l #U	1	1
Top (Short-edge) Offset Registration	Ec&l#Z	1	1
Unit Of Measure	Ec&u#D	1	1
Mechanical Print Quality	Ec*o#Q	ns	ns
Media Type	Ec&l#M	ns	ns
Negative Motion	^E c&a#N	ns	ns
Self-Test	E _C Z	✓	1
Paper Type	Ec&n5WdBond	ns	ns
	^E c&n6WdPlain	ns	ns
	^E c&n6WdColor	ns	ns
	^E c&n6WdRough	ns	ns
	^E c&n6WdHeavy	ns	ns
	Ec&n6WdGloss	ns	ns
	Ec&n7WdLabels	ns	ns
	Ec&n7WdVellum	ns	ns
	Ec&n8WdDefault	ns	ns
	Ec&n9WdRecycled	ns	ns
	Ec&n11WdLetterhead	ns	ns
	Ec&n11WdCard Stock	ns	ns
	Ec&n10WdCardstock	ns	ns
	Ec&n11WdPrepunched	ns	ns
	Ec&n11WdPreprinted	ns	ns
	Ec&n13WdTransparency	ns	ns
	Ec&n#WdCustomType ¹	ns	ns

^{√ -} Indicates a command is supported. ns - Indicates a command is not supported.

¹ For custom paper, replace "CustomType" with the name of the paper, and replace "#" with the number of characters in the name plus 1.

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
	Page control		
Page (Job) Size	E _C & ℓ #A		
Executive [1]		1	1
Letter [2]		1	1
Legal [3]		1	1
Ledger [6]		ns	ns
JISExec (Foolscap) [10]		1	1
A5 [25]		✓	✓
A4 [26]		1	✓
A3 [27]		ns	ns
JIS B5 Paper [45] ¹		✓	✓
JIS B4 Paper [46]		ns	ns
Monarch Envelope [80]		1	1
Com-10 Envelope [81]		1	1
Intl. DL Envelope [90]		1	1
Intl. C5 Envelope [91]		1	1
Intl. B5 Envelope [100]		✓	✓
Custom [101]		✓	1
Hagaki Postcard [71]		1	1
Oufuku-Hagaki Postcard [72]		1	1
Orientation	Ec&l#O	1	✓
Page Side Selection ²	^E c&a#G	1	1
Job Separation	Ec&l1T	ns	ns
Finish Mode	^E c&b#F	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

¹ Japanese Industrial Standard (JIS)

² On non-duplex printers, this command causes a conditional page eject.

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJer 3300mfp series
	Page control (continued)	I.	
Paper (Media) Source	Ec&l#H		
In Tray (current tray)[0]		1	1
1st Cassette (Main paper source) [1]		1	1
Manual Feed Tray [2]		1	1
Manual Feed Tray [3]		✓	1
Multipurpose Tray [4]		✓	1
2nd Cassette (Opt. Source) [5]		1	1
Envelope Feeder [6]		1	1
Auto Select [7]		✓	1
3rd Cassette[8]		✓	1
HCI Trays 2-21 [20-39]		ns	ns
Output (Media) Bin	Ec&l#G		
Automatic [0]		ns	ns
Destination Tray 1 [1]		✓	✓
Destination Tray 2 [2]		✓	✓
Destination Tray 3 [3]		ns	ns
Print Direction	Ec&a#P	✓	1
Character Text Path Dir.	Ec&c#T	1	✓
Left Margin	Ec&a#L	1	✓
Right Margin	Ec&a#M	1	1
Clear Horizontal Margins	E _C 9	✓	1
Top Margin	Ec&l#E	1	1
Text Length	Ec&l#F	1	1
Perforation Skip	Ec& ℓ #L	✓	1
Horizontal Motion Index	Ec&k#H	1	✓
Vertical Motion Index	Ec& ℓ #C	1	✓
Line Spacing	Ec& ℓ #D	✓	1
Alphanumeric ID (media	selection by type/PCL mas	s storage o	ommand
Alphanumeric ID	Ec&n#W[operation] [string]	✓	1

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
	Cursor positioning		
Horizontal Position	Ec&a#C	✓	1
	Ec*p#X	✓	1
	^E c&a#H	✓	1
Vertical Position	^E c&a#R	✓	1
	E _C *p#Y	✓	✓
	^E c&a#V	✓	✓
Half Line Feed	E _C =	✓	✓
Line Termination	Ec&k#G	1	1
Push/Pop Position	Ec&f#S	✓	1
	Font selection		
The Primary font printer co			
Symbol Set [Primary]	E _C (ID	✓	✓
Spacing [Primary]	Ec(s#P	1	✓
Pitch [Primary]	Ec(s#H	1	1
Height [Primary]	Ec(s#V	✓	1
Style [Primary]	Ec(s#S	✓	1
Stroke Weight [Primary]	Ec(s#B	✓	1
Typeface [Primary]	E _C (s#T	✓	✓
Font Selection By ID # [Primary]	E _C (#X	1	1
Select Default Font [Primary]	Ec(3@	1	1
Underline	Ec&d#D	✓	✓
	Ec&d@	✓	✓
Transparent Print Data	Ec&p#X[data]	✓	✓
Text Parsing Method	Ec&t#P	✓	✓
	Font management		
Assign Font ID #	Ec*C#D	✓	✓
Font Control	Ec*C#F	✓	✓
	User-defined symbol s	et	I.
Symbol Set ID Code	Ec*c#R	✓	✓
Define Symbol Set	^E c(f#W[data]	✓	✓
Symbol Set Control	Ec*c#S	./	./

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
	Soft font creation	<u> </u>	
Font Descriptor	^E c)s#W[data]		
Range: 0 - 32767		✓	1
Range: 0 - 65535			
Character Code	EC*C#E	✓	1
Download Character	Ec(s#W[data]	1	1
	Macros		
Macro ID	E _C &f#Y	✓	1
Macro Control	E _C &f#X	✓	1
	Print model imagin	g	I.
Source Transparency Mode	E _C *v#N	✓	✓
Pattern Transparency Mode	E _C *v#O	✓	1
Area Fill (Pattern) ID	Ec*c#G	✓	1
Select Current Pattern	E _C *v#T		
Solid Black [0]		✓	1
Solid White [1]		✓	1
HP Shading Pattern [2]		1	1
Cross-hatch Pattern [3] (HP-hatch Pattern)		✓	✓
User-defined Pattern [4]		1	1
Logical Operation	E _C * ℓ #O	1	1
Pixel Placement	E _C * ℓ #R	✓	1
	User-defined patter	'n	L
Define (Download) Pattern	Ec*c#W[data]	√	✓
Range: 0 - 32767		✓	1
Range: 0 - 65535			
Set Pattern Reference Point	Ec*p#R	1	1
User-defined Pattern Control	Ec*c#Q	1	1
/ - Indicates a command is		. C 1	

 $[\]checkmark$ - Indicates a command is supported. ns - Indicates a command is not supported.

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
	Raster graphics		<u> </u>
Raster Resolution	Ec*t#R		
75 Dots per inch (dpi) [75]		1	1
100 dpi [100]		✓	1
150 dpi [150]		✓	1
200 dpi [200] ¹		✓	1
300 dpi [300]		✓	1
600 dpi [600] ¹		1	1
Graphics Presentation	Ec*r#F	1	1
Raster Height [Source]	Ec*r#T	1	1
Raster Height [Destination]	Ec*t#V	ns	ns
Raster Width [Source]	Ec*r#S	1	1
Raster Width [Destination]	E _C *t#H	ns	ns
Scale Algorithm	E _C *t#K	ns	ns
Start Raster Graphics	Ec*r#A		
At logical page left limit [0]		1	1
At CAP [1]		✓	1
At logical page left limit, with scaling ON [2]		ns	ns
At CAP, with scaling ON [3]		ns	ns
Y Offset	Ec*b#Y	✓	1
Set Compression Mode	Ec*b#M		
Unencoded [0]		✓	1
Run-Length Encoded [1]		✓	✓
TIFF Encoded [2]		1	✓
Delta Row Encoded [3]		✓	✓
Mode 5 Adaptive [5]		1	✓
Replacement Delta Row [9]		ns	ns
Transfer Raster (Row/ Block)	Ec*b#W[data]	1	1
Transfer Raster (Plane)	Ec*b#V[data]	✓	✓
End Graphics			
Version B	Ec*rB	1	1
Version C (Preferred)	Ec*rC	1	1

^{√ -} Indicates a command is supported.
ns - Indicates a command is not supported.

¹ Supported if the printer resolution is 600 dpi.

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
	Rectangular area fill	1	
Horizontal Rectangle Size	Ec*c#A	✓	✓
	Ec*c#H	1	1
Vertical Rectangle Size	Ec*c#B	1	1
	Ec*c#V	1	1
Pattern ID (Area Fill ID)	Ec*c#G		
1-100 for Shading		1	1
1-6 for Cross-hatch		✓	1
0-32767 for User-defined		1	✓
Fill Rectangle Area	Ec*c#P		
Black (solid) [0]		1	1
(Solid) White (erase) [1]		✓	1
Shaded (gray) [2]		✓	1
Cross-hatch Pattern [3]		1	1
User-defined Pattern [4]		1	1
Current Pattern [5]		1	1
	Status readback		
Set Status Readback Location Type	Ec*s#T		
Set Status Readback Location Unit	Ec*s#U	1	1
Inquire Status Readback Entity	Ec*s#l	1	1
Free Space	Ec*s1M	1	1
Flush All Pages	Ec&r#F	1	✓
Echo	Ec*s#X	1	1
Pictu	re frame for vector graphic	s	1
Picture Frame Horiz. Size	Ec*C#X	1	1
Picture Frame Vert. Size	Ec*C#Y	1	1
Set Picture Frame Anchor Point	Ec*c0T	1	1
HP-GL/2 Horiz. Plot Size	Ec*c#K	1	✓
HP-GL/2 Vert. Plot Size	Ec*C#L	✓	1

 $[\]checkmark$ - Indicates a command is supported. ns - Indicates a command is not supported.

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
Picture fran	ne for vector graphics (con	itinued)	
Enter HP-GL/2	Ec%#B		
Standalone plotter [-1]		ns	ns
Previous HP-GL [0]		✓	1
Current PCL CAP [1]		✓	1
Current PCL coordinates and old HP-GL/2 [2]		ns	ns
Current PCL coordinates and current CAP [3]		ns	ns
Enter PCL Mode	Ec%#A	✓	✓
	Programming hints	1	
Display Functions			
On	EcY	✓	✓
Off	EcZ	✓	✓
End-of-line Wrap	Ec&s#C	✓	1
1	PCL 5 color commands	I	
Assign Color Index	EC*V#I	ns	ns
Color Component 1	E _C *v#A	ns	ns
Color Component 2	Ec*v#B	ns	ns
Color Component 3	E _C *v#C	ns	ns
Color Lookup Tables	Ec*ℓ#W[data]	ns	ns
Configure Image Data	Ec*v#W[data]	ns	ns
Download Dither Matrix	Ec*m#W	ns	ns
Driver Function	Ec*o3W643	ns	ns
Configuration	Ec*o3W646	ns	ns
	Ec*o3W647	ns	ns
Foreground Color	Ec*v#S	ns	ns
Gamma Correction	EC*t#I	ns	ns
Monochrome Print Mode	Ec&b#M	ns	ns
Palette Control ID	Ec&p#I	ns	ns
Palette Control	Ec&p#C	ns	ns
Push/Pop Palette	Ec*p#P	ns	ns
Render Algorithm	Ec*t#J		
Range: 0 - 8		ns	ns
Range: 9 - 10		ns	ns
Range: 11 - 14		ns	ns
Range: 15 - 19		ns	ns

^{√ -} Indicates a command is supported. ns - Indicates a command is not supported.

Table 5. PCL 5 feature support for LaserJet products (continued)

Functions	Commands	LaserJet 3200mfp series	LaserJet 3300mfp series
PCL	5 color commands (co	ntinued)	I
Select Palette	^E c&p#S	ns	ns
Set Viewing Illuminant	^E c*i#W[data]	ns	ns
Simple Color	Ec*r#U	ns	ns
	HP-GL/2 graphics*		
Advance Full Page	PG	✓	1
Bezier	BR, BZ	✓	1
Begin Plot	BP	ns	ns
Chord Tolerance Mode	СТ	ns	ns
(Relative) Color Range	CR	ns	ns
Download Character	DL	ns	ns
Fill Type	FT		
Odd/Even		✓	1
Non-Zero Winding		✓	1
Frame Advance	FR	ns	ns
Label origin	LO		
1-9 / 11-19		✓	1
21		✓	1
Media Type	MT	ns	ns
Merge Control	MC	✓	1
Number of Pens	NP	ns	ns
Output Error	OE	ns	ns
Output Hardcopy Limits	ОН	ns	ns
Output Identification	OI	ns	ns
Output P1 and P2	ОР	ns	ns
Output Status	os	ns	ns
Pen Color Assignment	PC	ns	ns
Pixel Placement	PP	✓	1
Plot Size	PS	ns	ns
Quality Level	QL	ns	ns
Replot	RP	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported.

^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells.

Table 6. PCL 5 feature support for color LaserJet products

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Miscellaneous		<u>L</u>	<u>I</u>
Configuration (AppleTalk)	^E c&b#W[data]	✓	✓	✓
	Job control	1	I .	1
Universal Exit/Start of PJL (UEL)	Ec%-12345X	1	√	1
Reset	EcE	✓	✓	1
Number of Copies	Ec& ! #X	✓	✓	1
Simplex/Duplex Print	Ec&l#S	✓	✓	1
Left (Long-edge) Offset Registration	Ec&l#U	1	1	1
Top (Short-edge) Offset Registration	Ec&l#Z	1	1	1
Unit Of Measure	^E c&u#D	✓	✓	1
Mechanical Print Quality	Ec*o#Q	ns	ns	ns
Media Type	Ec&l#M	ns	ns	ns
Negative Motion	^E c&a#N	ns	ns	ns
Self-Test	E _C Z	✓	✓	1
Paper Type	^E c&n5WdBond	✓	✓	1
	^E c&n6WdPlain	✓	✓	1
	^E c&n6WdColor	✓	✓	1
	^E c&n6WdRough	✓	✓	1
	^E c&n6WdHeavy	✓	✓	1
	Ec&n6WdGloss	✓	✓	1
	^E c&n7WdLabels	✓	✓	1
	Ec&n7WdVellum	✓	1	1
	Ec&n8WdDefault	✓	✓	1
	^E c&n9WdRecycled	✓	✓	1
	Ec&n11WdLetterhead	✓	✓	1
	Ec&n11WdCard Stock	✓	✓	1
	Ec&n10WdCardstock	✓	✓	1
	Ec&n11WdPrepunched	1	1	1
	^E c&n11WdPreprinted	✓	✓	1
	Ec&n13WdTransparency	✓	✓	1
	^E c&n#WdCustomType ¹	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

1 For custom paper, replace "Custom Type" with the pame of the paper, and replace "#" with

For custom paper, replace "CustomType" with the name of the paper, and replace "#" with the number of characters in the name plus 1.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Page control		11	11
Page (Job) Size	Ec& ! #A			
Executive [1]		✓	✓	✓
Letter [2]		✓	✓	✓
Legal [3]		✓	✓	✓
Ledger [6]		ns	ns	ns
JISExec (Foolscap) [10]				
A5 [25]		✓	✓	✓
A4 [26]		✓	✓	1
A3 [27]		ns	ns	ns
JIS B5 Paper [45] ¹		✓	✓	✓
JIS B4 Paper [46]		✓	✓	1
Monarch Envelope [80]		✓	✓	1
Com-10 Envelope [81]		✓	✓	✓
Intl. DL Envelope [90]		✓	✓	✓
Intl. C5 Envelope [91]		✓	✓	✓
Intl. B5 Envelope [100]		✓	✓	✓
Custom [101]		✓	1	1
Hagaki Postcard [71]		✓	✓	✓
Oufuku-Hagaki Postcard [72]		1	✓	1
Orientation	Ec&l#O	✓	✓	✓
Page Side Selection ²	^E c&a#G	✓	✓	✓
Job Separation	Ec&l1T	ns	ns	ns
Finish Mode	Ec&b#F	✓	✓	✓

^{✓ -} Indicates a command is supported.
ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

1 Japanese Industrial Standard (JIS)

² On non-duplex printers, this command causes a conditional page eject.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Page control (continue	ed)		
Paper (Media) Source	Ec&l#H			
In Tray (current tray)[0]		1	1	1
1st Cassette (Main paper source) [1]		1	1	1
Manual Feed Tray [2]		1	1	1
Manual Feed Tray [3]		ns	ns	ns
Multipurpose Tray [4]		1	1	1
2nd Cassette (Opt. Source) [5]		1	1	1
Envelope Feeder [6]		ns	ns	ns
Auto Select [7]		1	1	1
3rd Cassette[8]		1	1	1
HCI Trays 2-21 [20-39]		1	1	1
Output (Media) Bin	Ec&l#G			
Automatic [0]		ns	ns	ns
Destination Tray 1 [1]		ns	ns	ns
Destination Tray 2 [2]		ns	ns	ns
Destination Tray 3 [3]		ns	ns	ns
Print Direction	^E c&a#P	1	1	1
Character Text Path Dir.	Ec&c#T	1	1	1
Left Margin	^E c&a#L	✓	✓	1
Right Margin	Ec&a#M	1	1	✓
Clear Horizontal Margins	E _C 9	1	1	✓
Top Margin	Ec&l#E	✓	✓	1
Text Length	Ec&l#F	1	1	✓
Perforation Skip	Ec&l#L	1	1	✓
Horizontal Motion Index	Ec&k#H	✓	✓	1
Vertical Motion Index	Ec&l#C	✓	✓	1
Line Spacing	Ec & ℓ#D	✓	✓	1
Alphanumeric ID (media selection by type/PC	L mass sto	rage comm	and)
Alphanumeric ID	Ec&n#W[operation] [string]	✓	✓	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Cursor position	oning	<u> </u>	
Horizontal Position	^E c&a#C	✓	✓	1
	Ec*p#X	✓	✓	1
	^E c&a#H	✓	✓	1
Vertical Position	^E c&a#R	✓	1	1
	E _C *p#Y	✓	1	✓
	Ec&a#V	✓	✓	1
Half Line Feed	E _C =	✓	✓	1
Line Termination	Ec&k#G	✓	1	1
Push/Pop Position	Ec&f#S	✓	✓	1
	Font select	on	1	I.
The Primary font printer co			Secondary b	y replacing
Symbol Set [Primary]	E _C (ID	✓	✓	1
Spacing [Primary]	Ec(s#P	✓	✓	1
Pitch [Primary]	Ec(s#H	✓	1	1
Height [Primary]	Ec(s#V	✓	1	1
Style [Primary]	Ec(s#S	✓	1	✓
Stroke Weight [Primary]	Ec(s#B	✓	✓	1
Typeface [Primary]	Ec(s#T	✓	✓	✓
Font Selection By ID # [Primary]	E _C (#X	1	1	1
Select Default Font [Primary]	E _C (3@	✓	1	1
Underline	Ec&d#D	✓	✓	1
	Ec&d@	✓	✓	1
Transparent Print Data	^E c&p#X[data]	✓	✓	1
Text Parsing Method	Ec&t#P	✓	✓	1
	Font manage	ment	•	•
Assign Font ID #	Ec*c#D	✓	✓	1
Font Control	Ec*c#F	✓	✓	1
	User-defined syr	nbol set		
Symbol Set ID Code	Ec*c#R	✓	✓	1
Define Symbol Set	Ec(f#W[data]	✓	✓	1
Symbol Set Control	Ec*c#S	1	/	/

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Soft font creation	on		
Font Descriptor	Ec)s#W[data]			
Range: 0 - 32767		✓	✓	1
Range: 0 - 65535				
Character Code	Ec*c#E	✓	✓	1
Download Character	Ec(s#W[data]	✓	✓	1
	Macros	J.	I	I
Macro ID	Ec&f#Y	✓	✓	1
Macro Control	Ec&f#X	✓	✓	1
	Print model imag	jing	I	I
Source Transparency Mode	Ec*v#N	1	1	1
Pattern Transparency Mode	Ec*v#O	1	1	1
Area Fill (Pattern) ID	Ec*c#G	1	1	1
Select Current Pattern	E _C *v#T			
Solid Black [0]		1	✓	1
Solid White [1]		✓	✓	1
HP Shading Pattern [2]		1	✓	1
Cross-hatch Pattern [3] (HP-hatch Pattern)		✓	1	1
User-defined Pattern [4]		✓	✓	1
Logical Operation	E _C * ! #O	1	1	1
Pixel Placement	E _C * ! #R	✓	1	1
	User-defined patt	tern	I	I
Define (Download) Pattern	Ec*c#W[data]	✓	✓	1
Range: 0 - 32767		✓	✓	1
Range: 0 - 65535				
Set Pattern Reference Point	^E c*p#R	1	1	1
User-defined Pattern Control	Ec*c#Q	1	1	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Raster graphics	1		
Raster Resolution	Ec*t#R			
75 Dots per inch (dpi) [75]		1	1	✓
100 dpi [100]		1	1	1
150 dpi [150]		1	1	1
200 dpi [200] ¹		1	1	1
300 dpi [300]		1	✓	1
600 dpi [600] ¹		1	✓	1
Graphics Presentation	Ec*r#F	1	1	1
Raster Height [Source]	Ec*r#T	1	1	1
Raster Height [Destination]	Ec*t#V	1	1	1
Raster Width [Source]	Ec*r#S	1	√	1
Raster Width [Destination]	Ec*t#H	1	1	1
Scale Algorithm	Ec*t#K	ns	ns	ns
Start Raster Graphics	Ec*r#A			
At logical page left limit [0]		1	1	1
At CAP [1]		1	✓	1
At logical page left limit, with scaling ON [2]		1	1	1
At CAP, with scaling ON [3]		1	1	1
Y Offset	Ec*b#Y	1	√	1
Set Compression Mode	Ec*b#M			
Unencoded [0]		1	✓	1
Run-Length Encoded [1]		1	1	1
TIFF Encoded [2]		1	✓	1
Delta Row Encoded [3]		1	✓	1
Mode 5 Adaptive [5]		1	✓	1
Replacement Delta Row [9]		ns	ns	ns
Transfer Raster (Row/ Block)	Ec*b#W[data]	1	1	1
Transfer Raster (Plane)	Ec*b#V[data]	1	1	1
End Graphics				
Version B	^E c*rB	1	1	1
Version C (Preferred)	Ec*rC	1	/	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

¹ Supported if the printer resolution is 600 dpi.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
	Rectangular area fil	İ	I	I.
Horizontal Rectangle Size	Ec*c#A	1	1	1
	Ec*c#H	1	✓	1
Vertical Rectangle Size	Ec*c#B	1	✓	1
	E _C *c#V	1	1	✓
Pattern ID (Area Fill ID)	Ec*c#G			
1-100 for Shading		✓	1	1
1-6 for Cross-hatch		1	1	1
0-32767 for User-defined		1	1	1
Fill Rectangle Area	Ec*c#P			
Black (solid) [0]		1	1	1
(Solid) White (erase) [1]		1	1	1
Shaded (gray) [2]		✓	1	1
Cross-hatch Pattern [3]		1	1	1
User-defined Pattern [4]		✓	✓	1
Current Pattern [5]		✓	1	1
	Status readback		I.	<u>I</u>
Set Status Readback Location Type	Ec*s#T	1	1	1
Set Status Readback Location Unit	Ec*s#U	1	1	1
Inquire Status Readback Entity	Ec*s#I	1	1	1
Free Space	Ec*s1M	ns	ns	ns
Flush All Pages	Ec&r#F	ns	ns	ns
Echo	E _C *s#X	/	1	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
ı	Picture frame (for vector gr	aphics)		
Picture Frame Horiz. Size	Ec*c#X	✓	1	1
Picture Frame Vert. Size	Ec*c#Y	✓	1	1
Set Picture Frame Anchor Point	Ec*c0T	1	1	1
HP-GL/2 Horiz. Plot Size	Ec*c#K	✓	1	1
HP-GL/2 Vert. Plot Size	Ec*c#L	1	1	1
Enter HP-GL/2	Ec%#B			
Standalone plotter [-1]		ns	ns	ns
Previous HP-GL [0]		✓	✓	1
Current PCL CAP [1]		1	1	1
Current PCL coordinates and old HP-GL/2 [2]		ns	ns	ns
Current PCL coordinates and current CAP [3]		ns	ns	ns
Enter PCL Mode	Ec%#A	1	1	1
	Programming hints			
Display Functions				
On	EcY	1	1	1
Off	EcZ	1	/	/
End-of-line Wrap	Ec&s#C	1	/	/
	PCL 5 color command	ds		
Assign Color Index	E _C *v#I	✓	✓	1
Color Component 1	Ec*v#A	1	1	1
Color Component 2	Ec*v#B	✓	✓	1
Color Component 3	Ec*v#C	✓	/	/
Color Lookup Tables	Ec*ℓ#W[data]	ns	ns	ns
Configure Image Data	Ec*v#W[data]	✓	√	1
Download Dither Matrix	Ec*m#W	ns	ns	ns
Driver Function	Ec*o3W643	✓	/	/
Configuration	Ec*o3W646	1	1	/
	Ec*o3W647	✓	/	/
Foreground Color	E _C *v#S	1	/	1
Gamma Correction	Ec*t#I	ns	ns	ns
Monochrome Print Mode	^E c&b#M	1	1	1
Palette Control ID	Ec&p#I	1	/	1
Palette Control	Ec&p#C	✓	✓	1
Push/Pop Palette	E _C *p#P	√	√	√

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series	
	PCL 5 color comman	ds (continued)	I.	I.	
Render Algorithm	E _C *t#J				
Range: 0 - 8		0, 3 only	0, 3 only	0, 3 only	
Range: 9 - 10		ns	ns	ns	
Range: 11 - 14		ns	ns	ns	
Range: 15 - 19		15, 18 only	15, 18 only	15, 18 only	
Select Palette	Ec&p#S	✓	1	1	
Set Viewing Illuminant	Ec*i#W[data]	ns	ns	ns	
Simple Color	Ec*r#U	✓	1	1	
HP-GL/2 graphics*					
Advance Full Page	PG	ns	ns	ns	
Bezier	BR, BZ	1	1	1	
Begin Plot	BP	ns	ns	ns	
Chord Tolerance Mode	СТ	ns	ns	ns	
(Relative) Color Range	CR	✓	1	1	
Download Character	DL	ns	ns	ns	
Fill Type	FT				
Odd/Even		✓	1	1	
Non-Zero Winding		✓	✓	1	
Frame Advance	FR	ns	ns	ns	
Label origin	LO				
1-9 / 11-19		✓	✓	1	
21		✓	✓	1	
Media Type	MT	ns	ns	ns	
Merge Control	MC	✓	1	1	
Number of Pens	NP	✓	✓	1	
Output Error	OE	ns	ns	ns	
Output Hardcopy Limits	ОН	ns	ns	ns	
Output Identification	OI	ns	ns	ns	
Output P1 and P2	OP	ns	ns	ns	
Output Status	os	ns	ns	ns	
Pen Color Assignment	PC	✓	1	1	

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

^{*} HP-GL/2: Commands are listed in Appendix A of the *PCL 5 Comparison Guide* except as shown in the following cells.

Table 6. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 2500 series	color LaserJet 4550 series	color LaserJet 4600 series
HP-GL/2 graphics* (continued)				
Pixel Placement	PP	✓	1	1
Plot Size	PS	ns	ns	ns
Quality Level	QL	ns	ns	ns
Replot	RP	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

^{*} HP-GL/2: Commands are listed in Appendix A of the *PCL 5 Comparison Guide* except as shown in the following cells.

Table 7. PCL 5 feature support for color LaserJet products

		LaserJet 5500 series	LaserJet 8550 series	LaserJet 8550mfp series
	Miscellaneous		I	I
Configuration (AppleTalk)	^E c&b#W[data]	ns	ns	ns
	Job control		11	11
Universal Exit/Start of PJL (UEL)	Ec%-12345X	1	✓	1
Reset	EcE	1	✓	✓
Number of Copies	Ec&l#X	1	✓	✓
Simplex/Duplex Print	Ec&l#S	1	✓	✓
Left (Long-edge) Offset Registration	Ec&l#U	1	✓	1
Top (Short-edge) Offset Registration	Ec&ℓ#Z	1	✓	1
Unit Of Measure	Ec&u#D	1	✓	1
Mechanical Print Quality	Ec*o#Q	ns	ns	ns
Media Type	Ec& ℓ #M	1	✓	✓
Negative Motion	^E c&a#N	ns	ns	ns
Self-Test	E _{CZ}	1	✓	✓
Paper Type	Ec&n5WdBond	1	✓	1
	^E c&n6WdPlain	✓	✓	1
	^E c&n6WdColor	1	✓	✓
	^E c&n6WdRough	ns	ns	ns
	^E c&n6WdHeavy	1	✓	1
	Ec&n6WdGloss	1	✓	1
	^E c&n7WdLabels	1	✓	1
	^E c&n7WdVellum	ns	ns	ns
	^E c&n8WdDefault	1	✓	1
	Ec&n9WdRecycled	1	✓	1
	Ec&n11WdLetterhead	1	✓	1
	Ec&n11WdCard Stock	1	✓	1
	Ec&n10WdCardstock	1	✓	1
	^E c&n11WdPrepunched	✓	✓	1
	^E c&n11WdPreprinted	1	✓	1
	^E c&n13WdTransparency	1	✓	1
	^E c&n#WdCustomType ¹	ns	ns	ns

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

1 For custom paper, replace "Custom Type" with the pame of the paper, and replace "t" with

For custom paper, replace "CustomType" with the name of the paper, and replace "#" with the number of characters in the name plus 1.

Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	Page control	1		I.
Page (Job) Size	E _C & ! #A			
Executive [1]		✓	✓	✓
Letter [2]		✓	✓	✓
Legal [3]		✓	✓	✓
Ledger [6]		✓	✓	✓
JISExec (Foolscap) [10]				
A5 [25]		✓	✓	✓
A4 [26]		✓	✓	✓
A3 [27]		✓	✓	✓
JIS B5 Paper [45] ¹		✓	✓	✓
JIS B4 Paper [46]		✓	✓	✓
Monarch Envelope [80]		✓	✓	✓
Com-10 Envelope [81]		✓	✓	✓
Intl. DL Envelope [90]		✓	✓	✓
Intl. C5 Envelope [91]		✓	✓	✓
Intl. B5 Envelope [100]		✓	✓	✓
Custom [101]		1	✓	1
Hagaki Postcard [71]		ns	ns	ns
Oufuku-Hagaki Postcard [72]		ns	ns	ns
Orientation	Ec&l#O	✓	✓	✓
Page Side Selection ²	^E c&a#G	1	✓	✓
Job Separation	Ec&l1T	ns	ns	ns
Finish Mode	Ec&b#F	ns	ns	ns

^{✓ -} Indicates a command is supported.
ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

1 Japanese Industrial Standard (JIS)

² On non-duplex printers, this command causes a conditional page eject.

Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	Page control (continu	ed)		
Paper (Media) Source	Ec & ℓ#H			
In Tray (current tray)[0]		✓	✓	1
1st Cassette (Main paper source) [1]		1	1	✓
Manual Feed Tray [2]		1	1	1
Manual Feed Tray [3]		1	1	1
Multipurpose Tray [4]		1	1	1
2nd Cassette (Opt. Source) [5]		1	1	1
Envelope Feeder [6]		1	1	1
Auto Select [7]		✓	✓	1
3rd Cassette[8]		✓	✓	1
HCI Trays 2-21 [20-39]		✓	✓	1
Output (Media) Bin	E _C & ! #G			
Automatic [0]		ns	ns	ns
Destination Tray 1 [1]		✓	✓	1
Destination Tray 2 [2]		✓	✓	1
Destination Tray 3 [3]		ns	ns	ns
Print Direction	Ec&a#P	1	1	1
Character Text Path Dir.	Ec&c#T	√	√	√
Left Margin	^E c&a#L	1	1	1
Right Margin	^E c&a#M	/	1	✓
Clear Horizontal Margins	E _C 9	1	1	1
Top Margin	Ec& ! #E	1	1	✓
Text Length	Ec & ℓ#F	1	1	1
Perforation Skip	Ec&l#L	1	/	1
Horizontal Motion Index	Ec&k#H	1	1	1
Vertical Motion Index	Ec&l#C	1	1	✓
Line Spacing	Ec&ℓ#D	1	1	✓
Alphanumeric ID (ı	nedia selection by type/PC	L mass sto	rage comm	and)
Alphanumeric ID	Ec&n#W[operation] [string]	✓	✓	1

✓ - Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	Cursor posit	ioning		
Horizontal Position	^E c&a#C	✓	✓	✓
	Ec*p#X	✓	✓	✓
	^E c&a#H	✓	✓	✓
Vertical Position	^E c&a#R	✓	✓	✓
	Ec*p#Y	✓	✓	1
	^E c&a#V	✓	✓	1
Half Line Feed	E _C =	✓	✓	1
Line Termination	Ec&k#G	✓	✓	✓
Push/Pop Position	Ec&f#S	✓	1	1
	Font selec	tion		
The Primary font printer co	ommands in this table c ne command with a rigl	an be changed to S	Secondary b	y replacing
Symbol Set [Primary]	E _C (ID	✓	✓	✓
Spacing [Primary]	Ec(s#P	✓	✓	✓
Pitch [Primary]	Ec(s#H	✓	✓	✓
Height [Primary]	Ec(s#V	✓	✓	✓
Style [Primary]	Ec(s#S	✓	✓	✓
Stroke Weight [Primary]	Ec(s#B	✓	✓	✓
Typeface [Primary]	Ec(s#T	✓	✓	✓
Font Selection By ID # [Primary]	Ec(#X	✓	1	1
Select Default Font [Primary]	E _C (3@	✓	1	1
Underline	Ec&d#D	✓	✓	✓
	Ec&d@	✓	✓	✓
Transparent Print Data	Ec&p#X[data]	✓	✓	✓
Text Parsing Method	Ec&t#P	✓	✓	✓
	Font manage	ement	I	I.
Assign Font ID #	Ec*c#D	✓	✓	✓
Font Control	Ec*c#F	✓	✓	✓
	User-defined sy	mbol set	<u> </u>	
Symbol Set ID Code	Ec*c#R	✓	✓	✓
Define Symbol Set	Ec(f#W[data]	✓	✓	✓
Symbol Set Control	Ec*c#S	1	-	1

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Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	Soft font creation	on		
Font Descriptor	Ec)s#W[data]			
Range: 0 - 32767		1	✓	1
Range: 0 - 65535		ns	ns	ns
Character Code	Ec*c#E	1	✓	1
Download Character	Ec(s#W[data]	✓	✓	1
	Macros	-	l	l
Macro ID	Ec&f#Y	✓	✓	1
Macro Control	Ec&f#X	✓	✓	1
	Print model imag	jing	I	I
Source Transparency Mode	Ec*v#N	✓	1	1
Pattern Transparency Mode	Ec*v#O	✓	1	1
Area Fill (Pattern) ID	Ec*c#G	✓	1	1
Select Current Pattern	Ec*v#T			
Solid Black [0]		✓	✓	1
Solid White [1]		✓	✓	1
HP Shading Pattern [2]		1	✓	1
Cross-hatch Pattern [3] (HP-hatch Pattern)		✓	1	1
User-defined Pattern [4]		✓	✓	1
Logical Operation	E _C * ! #O	✓	1	1
Pixel Placement	Ec* ℓ #R	✓	1	1
	User-defined patt	tern	I	I
Define (Download) Pattern	Ec*c#W[data]			
Range: 0 - 32767		✓	✓	1
Range: 0 - 65535		ns	ns	ns
Set Pattern Reference Point	^E c*p#R	1	1	1
User-defined Pattern Control	Ec*c#Q	1	1	1

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Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	Raster graphics	1	I	I
Raster Resolution	Ec*t#R			
75 Dots per inch (dpi) [75]		1	1	1
100 dpi [100]		1	✓	1
150 dpi [150]		1	✓	1
200 dpi [200] ¹		1	✓	1
300 dpi [300]		1	1	1
600 dpi [600] ¹		1	1	1
Graphics Presentation	E _C *r#F	1	1	1
Raster Height [Source]	E _C *r#T	1	√	1
Raster Height [Destination]	Ec*t#V	1	1	1
Raster Width [Source]	Ec*r#S	1	1	1
Raster Width [Destination]	Ec*t#H	1	1	1
Scale Algorithm	^E c*t#K	1	1	1
Start Raster Graphics	Ec*r#A			
At logical page left limit [0]		1	1	1
At CAP [1]		1	✓	1
At logical page left limit, with scaling ON [2]		1	1	1
At CAP, with scaling ON [3]		1	1	1
Y Offset	Ec*b#Y	1	√	1
Set Compression Mode	Ec*b#M			
Unencoded [0]		1	✓	1
Run-Length Encoded [1]		1	✓	1
TIFF Encoded [2]		1	✓	1
Delta Row Encoded [3]		1	✓	1
Mode 5 Adaptive [5]		1	✓	1
Replacement Delta Row [9]		ns	ns	ns
Transfer Raster (Row/ Block)	Ec*b#W[data]	1	1	1
Transfer Raster (Plane)	Ec*b#V[data]	1	1	1
End Graphics				
Version B	^E c*rB	1	✓	1
Version C (Preferred)	^E c*rC	1	/	1

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¹ Supported if the printer resolution is 600 dpi.

Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	Rectangular area fil	İ	I	I.
Horizontal Rectangle Size	Ec*c#A	1	1	1
	Ec*c#H	1	✓	1
Vertical Rectangle Size	Ec*c#B	1	✓	1
	EC*C#V	1	1	1
Pattern ID (Area Fill ID)	Ec*c#G			
1-100 for Shading		✓	✓	1
1-6 for Cross-hatch		✓	1	1
0-32767 for User-defined		✓	1	1
Fill Rectangle Area	Ec*c#P			
Black (solid) [0]		✓	1	1
(Solid) White (erase) [1]		1	1	1
Shaded (gray) [2]		1	1	1
Cross-hatch Pattern [3]		✓	1	1
User-defined Pattern [4]		✓	1	1
Current Pattern [5]		✓	1	1
	Status readback			
Set Status Readback Location Type	Ec*s#T	1	1	1
Set Status Readback Location Unit	Ec*s#U	1	1	1
Inquire Status Readback Entity	Ec*S#I	1	1	1
Free Space	Ec*s1M	1	1	1
Flush All Pages	E _C &r#F	1	1	1
Echo	E _C *s#X	1	1	1

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Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
ı	Picture frame (for vector gr	aphics)		
Picture Frame Horiz. Size	Ec*c#X	1	✓	✓
Picture Frame Vert. Size	Ec*C#Y	1	✓	1
Set Picture Frame Anchor Point	Ec*c0T	1	1	1
HP-GL/2 Horiz. Plot Size	Ec*c#K	1	1	1
HP-GL/2 Vert. Plot Size	Ec*C#L	1	✓	1
Enter HP-GL/2	Ec%#B			
Standalone plotter [-1]		ns	ns	ns
Previous HP-GL [0]		✓	1	1
Current PCL CAP [1]		1	✓	1
Current PCL coordinates and old HP-GL/2 [2]		ns	ns	ns
Current PCL coordinates and current CAP [3]		ns	ns	ns
Enter PCL Mode	Ec%#A	1	✓	1
	Programming hints			
Display Functions				
On	EcY	1	✓	1
Off	EcZ	1	✓	1
End-of-line Wrap	Ec&s#C	/	✓	1
	PCL 5 color command	ds		
Assign Color Index	E _C *v#I	✓	✓	1
Color Component 1	Ec*v#A	✓	✓	1
Color Component 2	Ec*v#B	1	1	1
Color Component 3	E _C *v#C	1	1	1
Color Lookup Tables	Ec*ℓ#W[data]	1	✓	1
Configure Image Data	Ec*v#W[data]	√	√	1
Download Dither Matrix	Ec*m#W	√	✓	1
Driver Function	Ec*o3W643	ns	ns	ns
Configuration	E _C *o3W646	ns	ns	ns
	E _C *o3W647	ns	ns	ns
Foreground Color	E _C *v#S	1	✓	✓
Gamma Correction	Ec*t#I	1	✓	✓
Monochrome Print Mode	Ec&b#M	1	1	1
Palette Control ID	Ec&p#I	√	✓	1
Palette Control	Ec&p#C	✓	✓	1
Push/Pop Palette	Ec*p#P	/	✓	1

^{✓ -} Indicates a command is supported. ns - Indicates a command is not supported. The information contained in this table is subject to change without notice. To ensure that the specific support information is correct, test these functions and commands on your product.

Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series	
	PCL 5 color command	ds (continued)	I	I	
Render Algorithm	E _C *t#J				
Range: 0 - 8		✓	✓	✓	
Range: 9 - 10		✓	1	✓	
Range: 11 - 14		✓	✓	✓	
Range: 15 - 19		1	✓	✓	
Select Palette	Ec&p#S	1	✓	✓	
Set Viewing Illuminant	Ec*i#W[data]	1	✓	✓	
Simple Color	Ec*r#U	1	✓	✓	
	HP-GL/2 graphics*				
Advance Full Page	PG	ns	ns	ns	
Bezier	BR, BZ	1	✓	✓	
Begin Plot	BP	ns	ns	ns	
Chord Tolerance Mode	СТ	ns	ns	ns	
(Relative) Color Range	CR	/	✓	✓	
Download Character	DL	ns	ns	ns	
Fill Type	FT				
Odd/Even		✓	✓	1	
Non-Zero Winding		✓	✓	1	
Frame Advance	FR	ns	ns	ns	
Label origin	LO				
1-9 / 11-19		✓	✓	1	
21		1	✓	✓	
Media Type	MT	ns	ns	ns	
Merge Control	MC	✓	✓	1	
Number of Pens	NP	1	1	✓	
Output Error	OE	ns	ns	ns	
Output Hardcopy Limits	ОН	ns	ns	ns	
Output Identification	OI	ns	ns	ns	
Output P1 and P2	OP	ns	ns	ns	
Output Status	os	ns	ns	ns	
Pen Color Assignment	PC	1	1	✓	

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^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells.

Table 7. PCL 5 feature support for color LaserJet products (continued)

Functions	Commands	color LaserJet 5500 series	color LaserJet 8550 series	color LaserJet 8550mfp series
	HP-GL/2 graphics	(continued)		
Pixel Placement	PP	1	1	✓
Plot Size	PS	ns	ns	ns
Quality Level	QL	ns	ns	ns
Replot	RP	ns	ns	ns

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^{*} HP-GL/2: Commands are listed in Appendix A of the PCL 5 Comparison Guide except as shown in the following cells.

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A	Area Fill (Pattern) ID command suppo
Advance Full Page command support	color LaserJet 2500 series 51
color LaserJet 2500 series 55	color LaserJet 4550 series 51
color LaserJet 4550 series 55	color LaserJet 4600 series 51
color LaserJet 4600 series 55	color LaserJet 5500 series 61
color LaserJet 5500 series 65	color LaserJet 8550 series 61
color LaserJet 8550 series 65	color LaserJet 8550mfp series 61
color LaserJet 8550mfp series 65	LaserJet 1150 series 14
LaserJet 1150 series 18	LaserJet 1200 series 14
LaserJet 1200 series 18	LaserJet 1300 series 14
LaserJet 1300 series 18	LaserJet 2200 series 14
LaserJet 2200 series 18	LaserJet 2300 series 14
LaserJet 2300 series 18	LaserJet 3200mfp series 42
LaserJet 3200mfp series 46	LaserJet 3300mfp series 42
LaserJet 3300mfp series 46	LaserJet 4100 series 23
LaserJet 4100 series 27	LaserJet 4100mfp series 23
LaserJet 4100mfp series 27	LaserJet 4200 series 23
LaserJet 4200 series 27	LaserJet 4300 series 23
LaserJet 4300 series 27	LaserJet 5100 series 32
LaserJet 5100 series 36	LaserJet 8150 series 32
LaserJet 8150 series 36	LaserJet 9000 series 32
LaserJet 9000 series 36	LaserJet 9000mfp series 32
LaserJet 9000mfp series 36	Assign Color Index command support
Alphanumeric ID command support	color LaserJet 2500 series 54
color LaserJet 2500 series 49	color LaserJet 4550 series 54
color LaserJet 4550 series 49	color LaserJet 4600 series 54
color LaserJet 4600 series 49	color LaserJet 5500 series 64
color LaserJet 5500 series 59	color LaserJet 8550 series 64
color LaserJet 8550 series 59	color LaserJet 8550mfp series 64
color LaserJet 8550mfp series 59	LaserJet 1150 series 17
LaserJet 1150 series 12	LaserJet 1200 series 17
LaserJet 1200 series 12	LaserJet 1300 series 17
LaserJet 1300 series 12	LaserJet 2200 series 17
LaserJet 2200 series 12	LaserJet 2300 series 17
LaserJet 2300 series 12	LaserJet 3200mfp series 45
LaserJet 3200mfp series 40	LaserJet 3300mfp series 45
LaserJet 3300mfp series 40	LaserJet 4100 series 26
LaserJet 4100 series 21	LaserJet 4100mfp series 26
LaserJet 4100mfp series 21	LaserJet 4200 series 26
LaserJet 4200 series 21	LaserJet 4300 series 26
LaserJet 4300 series 21	LaserJet 5100 series 35
LaserJet 5100 series 30	LaserJet 8150 series 35
LaserJet 8150 series 30	LaserJet 9000 series 35
LaserJet 9000 series 30	LaserJet 9000mfp series 35
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	Character Code command support
color LaserJet 4550 series 50	color LaserJet 2500 series 51
color LaserJet 4600 series 50	color LaserJet 4550 series 51
color LaserJet 5500 series 60	color LaserJet 4600 series 51
color LaserJet 8550 series 60	color LaserJet 5500 series 61
color LaserJet 8550mfp series 60	color LaserJet 8550 series 61
LaserJet 1150 series 13	color LaserJet 8550mfp series 61
LaserJet 1200 series 13 LaserJet 1300 series 13	LaserJet 1150 series 13
LaserJet 1300 series 13 LaserJet 2200 series 13	LaserJet 1200 series 13
LaserJet 2300 series 13	LaserJet 1300 series 13
LaserJet 3200mfp series 41	LaserJet 2200 series 13
LaserJet 3300mfp series 41	Laser Jet 2300 series 13
LaserJet 4100 series 22	Laser Jet 3200mfp series 42
LaserJet 4100mfp series 22	LaserJet 3300mfp series 42 LaserJet 4100 series 23
LaserJet 4200 series 22	LaserJet 4100 series 23
LaserJet 4300 series 22	LaserJet 4200 series 23
LaserJet 5100 series 31	LaserJet 4300 series 23
LaserJet 8150 series 31	LaserJet 5100 series 32
LaserJet 9000 series 31	LaserJet 8150 series 32
LaserJet 9000mfp series 31	LaserJet 9000 series 32
	LaserJet 9000mfp series 32
B	Character Text Path Direction command support
Begin Plot command support	color LaserJet 2500 series 49
color LaserJet 2500 series 55	color LaserJet 4550 series 49
color LaserJet 4550 series 55	color LaserJet 4600 series 49
color LaserJet 4600 series 55	color LaserJet 5500 series 59
color LaserJet 5500 series 65	color LaserJet 8550 series 59
color LaserJet 8550 series 65	color LaserJet 8550mfp series 59
color LaserJet 8550mfp series 65	LaserJet 1150 series 12
LaserJet 1150 series 18	LaserJet 1200 series 12
LaserJet 1200 series 18	LaserJet 1300 series 12
LaserJet 1300 series 18	LaserJet 2200 series 12
LaserJet 2200 series 18	LaserJet 2300 series 12
LaserJet 2300 series 18	LaserJet 3200mfp series 40
LaserJet 3200mfp series 46	LaserJet 3300mfp series 40
LaserJet 3300mfp series 46	LaserJet 4100 series 21
LaserJet 4100 series 27	LaserJet 4100mfp series 21
LaserJet 4100mfp series 27	Laser Jet 4200 series 21
LaserJet 4200 series 27	Laser Jet 5100 series 21
LaserJet 4300 series 27	LaserJet 5100 series 30 LaserJet 8150 series 30
LaserJet 5100 series 36	LaserJet 9000 series 30
LaserJet 8150 series 36	LaserJet 9000 series 30
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color LaserJet 8550 series 65	color LaserJet 8550mfp series 65
color LaserJet 8550mfp series 65	LaserJet 1150 series 18
LaserJet 1150 series 18	LaserJet 1200 series 18
LaserJet 1200 series 18	LaserJet 1300 series 18
LaserJet 1300 series 18	LaserJet 2200 series 18
LaserJet 2200 series 18	LaserJet 2300 series 18
LaserJet 2300 series 18	LaserJet 3200mfp series 46
LaserJet 3200mfp series 46	LaserJet 3300mfp series 46
LaserJet 3300mfp series 46	LaserJet 4100 series 27
LaserJet 4100 series 27	LaserJet 4100mfp series 27
LaserJet 4100mfp series 27	LaserJet 4200 series 27
LaserJet 4200 series 27	LaserJet 4300 series 27
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LaserJet 5100 series 36	LaserJet 8150 series 36
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color LaserJet 2500 series 49	color LaserJet 2500 series 47
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color LaserJet 5500 series 59	color LaserJet 5500 series 57
color LaserJet 8550 series 59	color LaserJet 8550 series 57
color LaserJet 8550mfp series 59	color LaserJet 8550mfp series 57
LaserJet 1150 series 12	LaserJet 1150 series 10
LaserJet 1200 series 12	LaserJet 1200 series 10
LaserJet 1300 series 12	LaserJet 1300 series 10
LaserJet 2200 series 12	LaserJet 2200 series 10
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LaserJet 4300 series 21	LaserJet 4300 series 19
LaserJet 5100 series 30	LaserJet 5100 series 28
LaserJet 8150 series 30	LaserJet 8150 series 28
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LaserJet 9000mfp series 30	LaserJet 9000mfp series 28
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color LaserJet 2500 series 54	color LaserJet 2500 series 54
color LaserJet 4550 series 54	color LaserJet 4550 series 54
color LaserJet 4600 series 54	color LaserJet 4600 series 54
color LaserJet 5500 series 64	color LaserJet 5500 series 64
color LaserJet 8550 series 64	color LaserJet 8550 series 64
color LaserJet 8550mfp series 64	color LaserJet 8550mfp series 64
LaserJet 1150 series 17	LaserJet 1150 series 17
LaserJet 1200 series 17	LaserJet 1200 series 17
LaserJet 1300 series 17	LaserJet 1300 series 17
LaserJet 2200 series 17	LaserJet 2200 series 17
LaserJet 2300 series 17	LaserJet 2300 series 17
LaserJet 3200mfp series 45	LaserJet 3200mfp series 45
LaserJet 3300mfp series 45	LaserJet 3300mfp series 45
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color LaserJet 8550 series 64	color LaserJet 8550 series 60
color LaserJet 8550mfp series 64	color LaserJet 8550mfp series 60
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LaserJet 1200 series 17	LaserJet 1200 series 12
LaserJet 1300 series 17	LaserJet 1300 series 12
LaserJet 2200 series 17	LaserJet 2200 series 12
LaserJet 2300 series 17	LaserJet 2300 series 12
LaserJet 3200mfp series 45	LaserJet 3200mfp series 41
LaserJet 3300mfp series 45	LaserJet 3300mfp series 41
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LaserJet 4100 series 26	LaserJet 4100 series 27
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color LaserJet 5500 series 60	color LaserJet 5500 series 62
color LaserJet 8550 series 60	color LaserJet 8550 series 62
color LaserJet 8550mfp series 60	color LaserJet 8550mfp series 62
LaserJet 1150 series 13	LaserJet 1150 series 15
LaserJet 1200 series 13	LaserJet 1200 series 15
LaserJet 1300 series 13	LaserJet 1300 series 15
LaserJet 2200 series 13	LaserJet 2200 series 15
LaserJet 2300 series 13	LaserJet 2300 series 15
LaserJet 3200mfp series 41	LaserJet 3200mfp series 43
LaserJet 3300mfp series 41	LaserJet 3300mfp series 43
LaserJet 4100 series 22	LaserJet 4100 series 24
LaserJet 4100mfp series 22	LaserJet 4100mfp series 24
LaserJet 4200 series 22	LaserJet 4200 series 24
LaserJet 4300 series 22	LaserJet 4300 series 24
LaserJet 5100 series 31	LaserJet 5100 series 33
LaserJet 8150 series 31	LaserJet 8150 series 33
LaserJet 9000 series 31	LaserJet 9000 series 33
LaserJet 9000mfp series 31	LaserJet 9000mfp series 33

Set	Pattern Reference Point command support	Set viewing illuminant command suppo
	color LaserJet 2500 series 51	color LaserJet 2500 series 55
	color LaserJet 4550 series 51	color LaserJet 4550 series 55
	color LaserJet 4600 series 51	color LaserJet 4600 series 55
	color LaserJet 5500 series 61	color LaserJet 5500 series 65
	color LaserJet 8550 series 61	color LaserJet 8550 series 65
	color LaserJet 8550mfp series 61	color LaserJet 8550mfp series 65
	LaserJet 1150 series 14	LaserJet 1150 series 18
	LaserJet 1200 series 14	LaserJet 1200 series 18
	LaserJet 1300 series 14	LaserJet 1300 series 18
	LaserJet 2200 series 14	LaserJet 2200 series 18
	LaserJet 2300 series 14	LaserJet 2300 series 18
	LaserJet 3200mfp series 42	LaserJet 3200mfp series 46
	LaserJet 3300mfp series 42	LaserJet 3300mfp series 46
	LaserJet 4100 series 23	LaserJet 4100 series 27
	LaserJet 4100mfp series 23	LaserJet 4100mfp series 27
	LaserJet 4200 series 23	LaserJet 4200 series 27
	LaserJet 4300 series 23	LaserJet 4300 series 27
	LaserJet 5100 series 32	LaserJet 5100 series 36
	LaserJet 8150 series 32	LaserJet 8150 series 36
	LaserJet 9000 series 32	LaserJet 9000 series 36
	LaserJet 9000mfp series 32	LaserJet 9000mfp series 36
Set	Status Readback Location Type command support	Simple Color command support
	color LaserJet 2500 series 53	color LaserJet 2500 series 55
	color LaserJet 4550 series 53	color LaserJet 4550 series 55
	color LaserJet 4600 series 53	color LaserJet 4600 series 55
	color LaserJet 5500 series 63	color LaserJet 5500 series 65
	color LaserJet 8550 series 63	color LaserJet 8550 series 65
	color LaserJet 8550mfp series 63	color LaserJet 8550mfp series 65
	LaserJet 1150 series 16	LaserJet 1150 series 18
	LaserJet 1200 series 16	LaserJet 1200 series 18
	LaserJet 1300 series 16	LaserJet 1300 series 18
	LaserJet 2200 series 16	LaserJet 2200 series 18
	LaserJet 2300 series 16	LaserJet 2300 series 18
	LaserJet 3200mfp series 44	LaserJet 3200mfp series 46
	LaserJet 3300mfp series 44	LaserJet 3300mfp series 46
	LaserJet 4100 series 25	LaserJet 4100 series 27
	LaserJet 4100mfp series 25	LaserJet 4100mfp series 27
	LaserJet 4200 series 25	LaserJet 4200 series 27
	LaserJet 4300 series 25	LaserJet 4300 series 27
	LaserJet 5100 series 34	LaserJet 5100 series 36
	LaserJet 8150 series 34	LaserJet 8150 series 36
	LaserJet 9000 series 34	LaserJet 9000 series 36
	LaserJet 9000mfp series 34	LaserJet 9000mfp series 36
Sat	Status Readback Location Unit command support	Simplex/Duplex Print command support
OUL	color LaserJet 2500 series 53	color LaserJet 2500 series 47
	color LaserJet 4550 series 53	color LaserJet 4550 series 47
	color LaserJet 4600 series 53	color LaserJet 4600 series 47
	color LaserJet 5500 series 63	color LaserJet 5500 series 57
	color LaserJet 8550 series 63	color LaserJet 8550 series 57
	color LaserJet 8550mfp series 63	color LaserJet 8550mfp series 57
	LaserJet 1150 series 16	LaserJet 1150 series 10
	LaserJet 1200 series 16	LaserJet 1200 series 10
	LaserJet 1300 series 16	LaserJet 1300 series 10
	LaserJet 2200 series 16	LaserJet 2200 series 10
	LaserJet 2300 series 16	LaserJet 2300 series 10
	LaserJet 3200 series 10 LaserJet 3200mfp series 44	LaserJet 3200mfp series 38
	LaserJet 3300mfp series 44	LaserJet 3200mp series 38
	LaserJet 4100 series 25	LaserJet 4100 series 19
	Laser Jet 4200 series 25	Laser let 4300 series 19
	Laser Jet 4200 series 25	Laser let 4200 series 19
	Laser Jet 5100 series 25	Laser Jet 5400 series 19
	Laser Jet 9150 series 34	Laser Jet 9150 series 28
	Laser Jet 8000 series 34	Laser Jet 8000 series 28
	LaserJet 9000 series 34	Laser Jet 9000 series 28
	LaserJet 9000mfp series 34	LaserJet 9000mfp series 28

Source Transparency Mode command support	Stroke Weight command support
color LaserJet 2500 series 51	color LaserJet 2500 series 50
color LaserJet 4550 series 51	color LaserJet 4550 series 50
color LaserJet 4600 series 51	color LaserJet 4600 series 50
color LaserJet 5500 series 61	color LaserJet 5500 series 60
color LaserJet 8550 series 61	color LaserJet 8550 series 60
color LaserJet 8550mfp series 61	color LaserJet 8550mfp series 60
LaserJet 1150 series 14	LaserJet 1150 series 13
LaserJet 1200 series 14	LaserJet 1200 series 13
LaserJet 1300 series 14	LaserJet 1300 series 13
LaserJet 2200 series 14	LaserJet 2200 series 13
LaserJet 2300 series 14	LaserJet 2300 series 13
LaserJet 3200mfp series 42	LaserJet 3200mfp series 41
LaserJet 3300mfp series 42	LaserJet 3300mfp series 41
LaserJet 4100 series 23	Laser Jet 4100 series 22
LaserJet 4100mfp series 23	LaserJet 4100mfp series 22
LaserJet 4200 series 23	LaserJet 4200 series 22
LaserJet 4300 series 23	LaserJet 4300 series 22
LaserJet 5100 series 32 LaserJet 8150 series 32	LaserJet 5100 series 31
LaserJet 9000 series 32	LaserJet 8150 series 31
LaserJet 9000 series 32 LaserJet 9000mfp series 32	LaserJet 9000 series 31 LaserJet 9000mfp series 31
Spacing command support	Style command support
color LaserJet 2500 series 50	color LaserJet 2500 series 50
color LaserJet 4550 series 50	color LaserJet 4550 series 50
color LaserJet 4600 series 50	color LaserJet 4600 series 50
color LaserJet 5500 series 60	color LaserJet 5500 series 60
color LaserJet 8550 series 60	color LaserJet 8550 series 60
color LaserJet 8550mfp series 60	color LaserJet 8550mfp series 60
LaserJet 1150 series 13	LaserJet 1150 series 13
LaserJet 1200 series 13	LaserJet 1200 series 13
LaserJet 1300 series 13	LaserJet 1300 series 13
LaserJet 2200 series 13	LaserJet 2200 series 13
LaserJet 2300 series 13	LaserJet 2300 series 13
LaserJet 3200mfp series 41	LaserJet 3200mfp series 41
LaserJet 3300mfp series 41	LaserJet 3300mfp series 41
LaserJet 4100 series 22	LaserJet 4100 series 22
LaserJet 4100mfp series 22	LaserJet 4100mfp series 22
LaserJet 4200 series 22	LaserJet 4200 series 22
LaserJet 4300 series 22	LaserJet 4300 series 22
LaserJet 5100 series 31	LaserJet 5100 series 31
LaserJet 8150 series 31	LaserJet 8150 series 31
LaserJet 9000 series 31	LaserJet 9000 series 31
LaserJet 9000mfp series 31	LaserJet 9000mfp series 31
See also Line Spacing command support	Symbol Set command support
Start Raster Graphics command support	color LaserJet 2500 series 50
color LaserJet 2500 series 52	color LaserJet 4550 series 50
color LaserJet 4550 series 52	color LaserJet 4600 series 50
color LaserJet 4600 series 52	color LaserJet 5500 series 60
color LaserJet 5500 series 62	color LaserJet 8550 series 60
color LaserJet 8550 series 62	color LaserJet 8550mfp series 60
color LaserJet 8550mfp series 62	LaserJet 1150 series 13
LaserJet 1150 series 15	LaserJet 1200 series 13
LaserJet 1200 series 15	LaserJet 1300 series 13
LaserJet 1300 series 15	LaserJet 2200 series 13
LaserJet 2200 series 15	LaserJet 2300 series 13
LaserJet 2300 series 15	LaserJet 3200mfp series 41
LaserJet 3200mfp series 43	LaserJet 3300mfp series 41
Laser Jet 4100 series 43	Laser Jet 4100 series 22
Laser Jet 4100 series 24	LaserJet 4100mfp series 22
LaserJet 4100mfp series 24 LaserJet 4200 series 24	LaserJet 4200 series 22 LaserJet 4300 series 22
LaserJet 4300 series 24 LaserJet 4300 series 24	LaserJet 4300 series 22 LaserJet 5100 series 31
LaserJet 4300 series 24 LaserJet 5100 series 33	LaserJet 8150 series 31
LaserJet 8150 series 33	LaserJet 9000 series 31
LaserJet 9000 series 33	LaserJet 9000 series 31
LaserJet 9000mfp series 33	

Symbol Set Control command support	Text Parsing Method command support
color LaserJet 2500 series 50	color LaserJet 2500 series 50
color LaserJet 4550 series 50	color LaserJet 4550 series 50
color LaserJet 4600 series 50	color LaserJet 4600 series 50
color LaserJet 5500 series 60	color LaserJet 5500 series 60
color LaserJet 8550 series 60	color LaserJet 8550 series 60
color LaserJet 8550mfp series 60	color LaserJet 8550mfp series 60
LaserJet 1150 series 13	LaserJet 1150 series 13
LaserJet 1200 series 13	LaserJet 1200 series 13
LaserJet 1300 series 13	LaserJet 1300 series 13
LaserJet 2200 series 13	LaserJet 2200 series 13
LaserJet 2300 series 13 LaserJet 3200mfp series 41	LaserJet 2300 series 13 LaserJet 3200mfp series 41
LaserJet 3200mp series 41 LaserJet 3300mfp series 41	· · · · · · · · · · · · · · · · · · ·
LaserJet 4100 series 22	LaserJet 3300mfp series 41 LaserJet 4100 series 22
LaserJet 4100 series 22 LaserJet 4100mfp series 22	LaserJet 4100 series 22
LaserJet 4200 series 22	LaserJet 4200 series 22
LaserJet 4300 series 22	LaserJet 4300 series 22
LaserJet 5100 series 31	LaserJet 5100 series 31
LaserJet 8150 series 31	LaserJet 8150 series 31
LaserJet 9000 series 31	LaserJet 9000 series 31
LaserJet 9000mfp series 31	LaserJet 9000mfp series 31
Symbol Set ID Code command support	Top (Short-edge) Offset Registration command support
color LaserJet 2500 series 50	color LaserJet 2500 series 47
color LaserJet 4550 series 50	color LaserJet 4550 series 47
color LaserJet 4600 series 50	color LaserJet 4600 series 47
color LaserJet 5500 series 60	color LaserJet 5500 series 57
color LaserJet 8550 series 60	color LaserJet 8550 series 57
color LaserJet 8550mfp series 60	color LaserJet 8550mfp series 57
LaserJet 1150 series 13	LaserJet 1150 series 10
LaserJet 1200 series 13	LaserJet 1200 series 10
LaserJet 1300 series 13	LaserJet 1300 series 10
LaserJet 2200 series 13	LaserJet 2200 series 10
LaserJet 2300 series 13	LaserJet 2300 series 10
LaserJet 3200mfp series 41	LaserJet 3200mfp series 38
LaserJet 3300mfp series 41	LaserJet 3300mfp series 38
LaserJet 4100 series 22	LaserJet 4100 series 19
LaserJet 4100mfp series 22	LaserJet 4100mfp series 19
LaserJet 4200 series 22	LaserJet 4200 series 19
LaserJet 4300 series 22	Laser Jet 5100 perios 28
LaserJet 5100 series 31	LaserJet 5100 series 28
LaserJet 8150 series 31 LaserJet 9000 series 31	LaserJet 8150 series 28 LaserJet 9000 series 28
LaserJet 9000 series 31	LaserJet 9000 series 28
Laserset 9000mp series 31	Top Margin command support
-	color LaserJet 2500 series 49
<u>T</u>	color LaserJet 4550 series 49
Text Length command support	color LaserJet 4600 series 49
color LaserJet 2500 series 49	color LaserJet 5500 series 59
color LaserJet 4550 series 49	color LaserJet 8550 series 59
color Laser Jet 5500 series 49	color LaserJet 8550mfp series 59
color LaserJet 5500 series 59 color LaserJet 8550 series 59	LaserJet 1150 series 12
color LaserJet 8550mfp series 59	LaserJet 1200 series 12
LaserJet 1150 series 12	LaserJet 1300 series 12
LaserJet 1200 series 12	LaserJet 2200 series 12
LaserJet 1300 series 12	LaserJet 2300 series 12
LaserJet 2200 series 12	LaserJet 3200mfp series 40
LaserJet 2300 series 12	LaserJet 3300mfp series 40
LaserJet 3200mfp series 40	LaserJet 4100 series 21
LaserJet 3300mfp series 40	LaserJet 4100mfp series 21
LaserJet 4100 series 21	LaserJet 4200 series 21
LaserJet 4100mfp series 21	LaserJet 4300 series 21
LaserJet 4200 series 21	LaserJet 5100 series 30
LaserJet 4300 series 21	LaserJet 8150 series 30
LaserJet 5100 series 30	LaserJet 9000 series 30
LaserJet 8150 series 30	LaserJet 9000mfp series 30
LaserJet 9000 series 30	
LaserJet 9000mfp series 30	

Transfer Raster command support	Underline command support
color LaserJet 2500 series 52	color LaserJet 2500 series 50
color LaserJet 4550 series 52	color LaserJet 4550 series 50
color LaserJet 4600 series 52	color LaserJet 4600 series 50
color LaserJet 5500 series 62	color LaserJet 5500 series 60
color LaserJet 8550 series 62	color LaserJet 8550 series 60
color LaserJet 8550mfp series 62	color LaserJet 8550mfp series 60
LaserJet 1150 series 15	LaserJet 1150 series 13
LaserJet 1200 series 15	LaserJet 1200 series 13
LaserJet 1300 series 15	LaserJet 1300 series 13
LaserJet 2200 series 15	LaserJet 2200 series 13
LaserJet 2300 series 15	LaserJet 2300 series 13
LaserJet 3200mfp series 43	LaserJet 3200mfp series 41
LaserJet 3300mfp series 43	LaserJet 3300mfp series 41
LaserJet 4100 series 24	LaserJet 4100 series 22
LaserJet 4100mfp series 24	LaserJet 4100mfp series 22
LaserJet 4200 series 24	LaserJet 4200 series 22
LaserJet 4300 series 24	LaserJet 4300 series 22
LaserJet 5100 series 33	LaserJet 5100 series 31
LaserJet 8150 series 33	LaserJet 8150 series 31
LaserJet 9000 series 33	LaserJet 9000 series 31
LaserJet 9000mfp series 33	LaserJet 9000mfp series 31
Transparent Print Data command support	Unit of Measure command support
color LaserJet 2500 series 50	color LaserJet 2500 series 47
color LaserJet 4550 series 50	color LaserJet 4550 series 47
color LaserJet 4600 series 50	color LaserJet 4600 series 47
color LaserJet 5500 series 60	color LaserJet 5500 series 57
color LaserJet 8550 series 60	color Laser Jet 8550 series 57
color LaserJet 8550mfp series 60	color LaserJet 8550mfp series 57
LaserJet 1150 series 13	Laser Jet 1300 series 10
LaserJet 1200 series 13	LaserJet 1200 series 10
LaserJet 3300 series 13	LaserJet 1300 series 10
LaserJet 2200 series 13 LaserJet 2300 series 13	LaserJet 2200 series 10 LaserJet 2300 series 10
LaserJet 3200mfp series 41	LaserJet 3200mfp series 38
LaserJet 3200mp series 41 LaserJet 3300mfp series 41	LaserJet 3300mfp series 38
LaserJet 4100 series 22	LaserJet 4100 series 19
LaserJet 4100mfp series 22	LaserJet 4100 series 19
LaserJet 4200 series 22	LaserJet 4200 series 19
LaserJet 4300 series 22	LaserJet 4300 series 19
LaserJet 5100 series 31	LaserJet 5100 series 28
LaserJet 8150 series 31	LaserJet 8150 series 28
LaserJet 9000 series 31	LaserJet 9000 series 28
LaserJet 9000mfp series 31	LaserJet 9000mfp series 28
Typeface command support	Universal Exit/Start of PJL (UEL) command support
color LaserJet 2500 series 50	color LaserJet 2500 series 47
color LaserJet 4550 series 50	color LaserJet 4550 series 47
color LaserJet 4600 series 50	color LaserJet 4600 series 47
color LaserJet 5500 series 60	color LaserJet 5500 series 57
color LaserJet 8550 series 60	color LaserJet 8550 series 57
color LaserJet 8550mfp series 60	color LaserJet 8550mfp series 57
LaserJet 1150 series 13	LaserJet 1150 series 10
LaserJet 1200 series 13	LaserJet 1200 series 10
LaserJet 1300 series 13	LaserJet 1300 series 10
LaserJet 2200 series 13	LaserJet 2200 series 10
LaserJet 2300 series 13	LaserJet 2300 series 10
LaserJet 3200mfp series 41	LaserJet 3200mfp series 38
LaserJet 3300mfp series 41	LaserJet 3300mfp series 38
LaserJet 4100 series 22	LaserJet 4100 series 19
LaserJet 4100mfp series 22	LaserJet 4100mfp series 19
LaserJet 4200 series 22	LaserJet 4200 series 19
LaserJet 4300 series 22	LaserJet 4300 series 19
LaserJet 5100 series 31	LaserJet 5100 series 28
LaserJet 8150 series 31	LaserJet 8150 28
LaserJet 9000 series 31	LaserJet 9000 series 28
LaserJet 9000mfp series 31	LaserJet 9000mfp series 28
U	

UEL (Universal Exit/Start of PJL). See Universal Exit/Start of PJL (UEL)

command support

User-defined Pattern Control command support color LaserJet 2500 series 51 color LaserJet 4550 series 51 color LaserJet 4600 series 51 color LaserJet 5500 series 61 color LaserJet 8550 series 61 color LaserJet 8550mfp series 61 color LaserJet 8550mfp series 61 LaserJet 1150 series 14 LaserJet 1200 series 14 LaserJet 1300 series 14 LaserJet 2200 series 14 LaserJet 2300 series 14 LaserJet 3200mfp series 42 LaserJet 3300mfp series 42 LaserJet 4100 series 23 LaserJet 4100mfp series 23 LaserJet 4200 series 23 LaserJet 4300 series 23 LaserJet 4500 series 32 LaserJet 8150 series 32 LaserJet 9000 series 32 LaserJet 9000 series 32 LaserJet 9000 series 32 LaserJet 9000mfp series 32 LaserJet 9000mfp series 32	Vertical Rectangle Size command support color LaserJet 2500 series 53 color LaserJet 4550 series 53 color LaserJet 4600 series 53 color LaserJet 5500 series 63 color LaserJet 8550 series 63 color LaserJet 8550mfp series 63 LaserJet 1150 series 16 LaserJet 1200 series 16 LaserJet 1200 series 16 LaserJet 2200 series 16 LaserJet 2300 series 16 LaserJet 3300mfp series 44 LaserJet 3300mfp series 44 LaserJet 3400 series 25 LaserJet 4100 series 25 LaserJet 4200 series 25 LaserJet 4300 series 25 LaserJet 4300 series 25 LaserJet 4500 series 34 LaserJet 8150 series 34 LaserJet 9000 series 34 LaserJet 9000 series 34 LaserJet 9000 series 34 LaserJet 9000mfp series 34
V	Υ
Vertical Motion Index command support color LaserJet 2500 series 49 color LaserJet 4550 series 49 color LaserJet 4600 series 49 color LaserJet 5500 series 59 color LaserJet 8550 series 59 color LaserJet 8550mfp series 59 LaserJet 1150 series 12 LaserJet 1200 series 12 LaserJet 1200 series 12 LaserJet 2200 series 12 LaserJet 2300 series 12 LaserJet 2300 series 12 LaserJet 3300mfp series 40 LaserJet 3300mfp series 40 LaserJet 4100 series 21 LaserJet 4100mfp series 21 LaserJet 4200 series 21 LaserJet 4300 series 21 LaserJet 4300 series 21 LaserJet 8150 series 30 LaserJet 8150 series 30 LaserJet 9000 series 30	Y Offset command support color LaserJet 2500 series 52 color LaserJet 4550 series 52 color LaserJet 4600 series 52 color LaserJet 5500 series 62 color LaserJet 8550 series 62 color LaserJet 8550mfp series 62 LaserJet 1150 series 15 LaserJet 1200 series 15 LaserJet 1200 series 15 LaserJet 2200 series 15 LaserJet 2300 series 15 LaserJet 2300 series 15 LaserJet 3300mfp series 43 LaserJet 3300mfp series 43 LaserJet 4100 series 24 LaserJet 4100mfp series 24 LaserJet 4200 series 24 LaserJet 4300 series 24 LaserJet 4500 series 33 LaserJet 8150 series 33 LaserJet 9000 series 33
LaserJet 9000mfp series 30	LaserJet 9000mfp series 33
Vertical Position command support color LaserJet 2500 series 50 color LaserJet 4550 series 50 color LaserJet 4600 series 50 color LaserJet 5500 series 60 color LaserJet 8550 series 60 color LaserJet 8550mfp series 60 color LaserJet 8550mfp series 60 LaserJet 1150 series 12 LaserJet 1200 series 12 LaserJet 1300 series 12 LaserJet 2200 series 12 LaserJet 2300 series 12 LaserJet 3200mfp series 41 LaserJet 3300mfp series 41 LaserJet 4100 series 22 LaserJet 4100mfp series 22 LaserJet 4200 series 22 LaserJet 4300 series 22 LaserJet 5100 series 31 LaserJet 9000 series 31 LaserJet 9000 series 31 LaserJet 9000mfp series 31 LaserJet 9000mfp series 31	

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